

CITATION REPORT

List of articles citing

Oxidative stress and the amyloid beta peptide in Alzheimer's disease

DOI: 10.1016/j.redox.2017.10.014
Redox Biology, 2018, 14, 450-464.

Source: <https://exaly.com/paper-pdf/69594094/citation-report.pdf>

Version: 2024-04-28

This report has been generated based on the citations recorded by exaly.com for the above article. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

#	Paper	IF	Citations
1155	Glutathione-mimetic D609 alleviates memory deficits and reduces amyloid- β deposition in an APP/PS1 transgenic mouse model. 2018 , 29, 833-838		3
1154	Ascorbate Oxidation by Cu(Amyloid- β) Complexes: Determination of the Intrinsic Rate as a Function of Alterations in the Peptide Sequence Revealing Key Residues for Reactive Oxygen Species Production. 2018 , 90, 5909-5915		28
1153	Kinetics Are Crucial When Targeting Copper Ions to Fight Alzheimer's Disease: An Illustration with Azamacrocyclic Ligands. 2018 , 24, 8447-8452		9
1152	Oxidative stress as a biomarker for Alzheimer's disease. 2018 , 12, 201-203		30
1151	The Pivotal Role of Copper in Neurodegeneration: A New Strategy for the Therapy of Neurodegenerative Disorders. 2018 , 15, 808-820		49
1150	A Metallo Pro-Drug to Target Cu in the Context of Alzheimer's Disease. 2018 , 24, 5095-5099		13
1149	Towards High-Throughput Modelling of Copper Reactivity Induced by Structural Disorder in Amyloid Peptides. 2018 , 24, 5259-5270		11
1148	Novel 3-phenylcoumarin-lipoic acid conjugates as multi-functional agents for potential treatment of Alzheimer's disease. 2018 , 79, 223-234		27
1147	Distinctive phosphoinositide- and Ca-binding properties of normal and cognitive performance-linked variant forms of KIBRA C2 domain. 2018 , 293, 9335-9344		5
1146	Design, synthesis and evaluation of novel multi-target-directed ligands for treatment of Alzheimer's disease based on coumarin and lipoic acid scaffolds. 2018 , 152, 600-614		44
1145	The Cu(II) affinity of the N-terminus of human copper transporter CTR1: Comparison of human and mouse sequences. 2018 , 182, 230-237		18
1144	Design, synthesis and evaluation of pterostilbene β -amino alcohol derivatives as multifunctional agents for Alzheimer's disease treatment. 2018 , 78, 298-306		10
1143	Hybrid Multifunctional Modulators Inhibit Multifaceted A β Toxicity and Prevent Mitochondrial Damage. 2018 , 9, 1432-1440		35
1142	Rosmarinic acid attenuates β amyloid-induced oxidative stress via Akt/GSK-3 β /Fyn-mediated Nrf2 activation in PC12 cells. 2018 , 120, 114-123		50
1141	When nature's robots go rogue: exploring protein homeostasis dysfunction and the implications for understanding human aging disease pathologies. 2018 , 15, 293-309		4
1140	Mitochondrial translation factor EF4 regulates oxidative phosphorylation complexes and the production of ROS. 2018 , 52, 1250-1255		6
1139	Excited-state intramolecular proton-transfer (ESIPT) based fluorescence sensors and imaging agents. 2018 , 47, 8842-8880		599

1138	Is copper a new target to counteract the progression of chronic diseases?. 2018 , 10, 1712-1722	20
1137	The N-terminal 14-mer model peptide of human Ctr1 can collect Cu(ii) from albumin. Implications for copper uptake by Ctr1. 2018 , 10, 1723-1727	23
1136	A Brief Review on the Neuroprotective Mechanisms of Vitexin. 2018 , 2018, 4785089	21
1135	Oxidative Stress: Noxious but Also Vital. 2018 ,	1
1134	Evaluating the Remote Control of Programmed Cell Death, with or without a Compensatory Cell Proliferation. 2018 , 14, 1800-1812	3
1133	Copper Induced Radical Dimerization of β Synuclein Requires Histidine. 2018 , 140, 17086-17094	17
1132	Oxidative Stress and the Microbiota-Gut-Brain Axis. 2018 , 2018, 2406594	77
1131	Microglia express gamma-interferon-inducible lysosomal thiol reductase in the brains of Alzheimer's disease and Nasu-Hakola disease. 2018 , 7, 251-257	2
1130	Copper Redox Cycling Inhibits A β Fibre Formation and Promotes Fibre Fragmentation, while Generating a Dityrosine A β Dimer. 2018 , 8, 16190	28
1129	The Role of NADPH Oxidases and Oxidative Stress in Neurodegenerative Disorders. 2018 , 19,	147
1128	Positive Feedback Loops in Alzheimer's Disease: The Alzheimer's Feedback Hypothesis. 2018 , 66, 25-36	14
1127	Withaferin A Suppresses Beta Amyloid in APP Expressing Cells: Studies for Tat and Cocaine Associated Neurological Dysfunctions. 2018 , 10, 291	15
1126	The Role of KLF in Alzheimer's Disease. 2018 , 12, 325	17
1125	Metal Ions and Complexes in Alzheimer's Disease: From Fundamental to Therapeutic Perspectives. 2018 , 1-14	2
1124	l-Dopa and dopamine conjugated naphthalenediimides modulate amyloid β toxicity. 2018 , 16, 7682-7692	15
1123	Next-generation biomarker discovery in Alzheimer's disease using metabolomics - from animal to human studies. 2018 , 10, 1525-1546	21
1122	Alzheimer's disease (AD) therapeutics - 1: Repeated clinical failures continue to question the amyloid hypothesis of AD and the current understanding of AD causality. 2018 , 158, 359-375	40
1121	Redox Kinetics of the Amyloid- β Cu Complex and Its Biological Implications. 2018 , 57, 6228-6233	4

1120	Metformin and its sulphonamide derivative simultaneously potentiate anti-cholinesterase activity of donepezil and inhibit beta-amyloid aggregation. 2018 , 33, 1309-1322	11
1119	Neuroprotective Effect of Camb. Leaves Is Associated with Anticholinesterase and Antioxidant Properties. 2018 , 2018, 9842908	12
1118	Modelling Sporadic Alzheimer's Disease Using Induced Pluripotent Stem Cells. 2018 , 43, 2179-2198	18
1117	Nutritional interventions and cognitive-related outcomes in patients with late-life cognitive disorders: A systematic review. 2018 , 95, 480-498	19
1116	A Free Radical-Generating System Regulates Amyloid Oligomers: Involvement of Cathepsin B. 2018 , 66, 1397-1408	7
1115	The neurotoxicity of nanoparticles: A bibliometric analysis. 2018 , 34, 922-929	10
1114	Neuro-protective effects of aloperine in an Alzheimer's disease cellular model. 2018 , 108, 137-143	17
1113	Sulfonated and sulfated chitosan derivatives for biomedical applications: A review. 2018 , 202, 382-396	96
1112	Neuroprotective Activity of Sitagliptin via Reduction of Neuroinflammation beyond the Incretin Effect: Focus on Alzheimer's Disease. 2018 , 2018, 6091014	23
1111	Antioxidant Activity and Neuroprotective Activity of Stilbenoids in Rat Primary Cortex Neurons via the PI3K/Akt Signalling Pathway. 2018 , 23,	17
1110	Streptocyclinones A and B ameliorate Alzheimer's disease pathological processes in vitro. 2018 , 141, 283-295	9
1109	Targeting Amyloid Aggregation: An Overview of Strategies and Mechanisms. 2018 , 19,	63
1108	Anti-aging effect of sea cucumber (<i>Cucumaria frondosa</i>) hydrolysate on fruit flies and d-galactose-induced aging mice. 2018 , 47, 11-18	30
1107	Fucosterol inhibits the cholinesterase activities and reduces the release of pro-inflammatory mediators in lipopolysaccharide and amyloid-induced microglial cells. 2018 , 30, 3261-3270	16
1106	Recent trends in electrochemical biosensors of superoxide dismutases. 2018 , 116, 89-99	24
1105	Mitoferrin-1 is Involved in the Progression of Alzheimer's Disease Through Targeting Mitochondrial Iron Metabolism in a <i>Caenorhabditis elegans</i> Model of Alzheimer's Disease. 2018 , 385, 90-101	16
1104	Effect of Chlorogenic Acid Intake on Cognitive Function in the Elderly: A Pilot Study. 2018 , 2018, 8608497	25
1103	The Antioxidative Function of Alpha-Ketoglutarate and Its Applications. 2018 , 2018, 3408467	44

1102	Effect of Chronic Administration of Nickel on Affective and Cognitive Behavior in Male and Female Rats: Possible Implication of Oxidative Stress Pathway. 2018 , 8,	15
1101	Alzheimer's Disease and Type 2 Diabetes: A Critical Assessment of the Shared Pathological Traits. 2018 , 12, 383	93
1100	Mutations of Histidine 13 to Arginine and Arginine 5 to Glycine Are Responsible for Different Coordination Sites of Zinc(II) to Human and Murine Peptides. 2018 , 24, 14233-14241	2
1099	The Antioxidant Content and Protective Effect of Argan Oil and Syzygium aromaticum Essential Oil in Hydrogen Peroxide-Induced Biochemical and Histological Changes. 2018 , 19,	27
1098	Pharmacological Basis for the Use of Evodiamine in Alzheimer's Disease: Antioxidation and Antiapoptosis. 2018 , 19,	16
1097	Multi-Target Anti-Alzheimer Activities of Four Prenylated Compounds from Psoralea Fructus. 2018 , 23,	18
1096	Effects of fermented green-loofah and green-papaya on nitric oxide secretion from murine macrophage raw 264.7 cells. 2018 , 45, 1013-1021	5
1095	Multi-target-directed ligands for treating Alzheimer's disease: Butyrylcholinesterase inhibitors displaying antioxidant and neuroprotective activities. 2018 , 156, 598-617	51
1094	Physicochemical Characterization and Functional Analysis of the Polysaccharide from the Edible Microalga Nostoc sphaeroides. 2018 , 23,	27
1093	Alzheimer's disease hypothesis and related therapies. 2018 , 7, 2	211
1092	An inorganic overview of natural AlFragments: Copper(II) and zinc(II)-mediated pathways. 2018 , 369, 1-14	11
1091	Dysregulation of Neuronal Iron Homeostasis as an Alternative Unifying Effect of Mutations Causing Familial Alzheimer's Disease. 2018 , 12, 533	25
1090	Environmental Enrichment Improves Cognitive Deficits, AD Hallmarks and Epigenetic Alterations Presented in 5xFAD Mouse Model. 2018 , 12, 224	43
1089	Cu and Zn coordination to amyloid peptides: From fascinating chemistry to debated pathological relevance. 2018 , 375, 38-55	78
1088	The Human Amyloid Precursor Protein Binds Copper Ions Dominated by a Picomolar-Affinity Site in the Helix-Rich E2 Domain. 2018 , 57, 4165-4176	15
1087	Effect of ferric citrate on amyloid-beta peptides behavior. 2018 , 109, e23224	6
1086	Neuroprotection against 6-OHDA toxicity in PC12 cells and mice through the Nrf2 pathway by a sesquiterpenoid from Tussilago farfara. <i>Redox Biology</i> , 2018 , 18, 6-15	11.3 48
1085	Melatonin and its metabolites vs oxidative stress: From individual actions to collective protection. 2018 , 65, e12514	146

1084	Neural functions of bisecting GlcNAc. 2018 , 35, 345-351	19
1083	Schisanhenol improves learning and memory in scopolamine-treated mice by reducing acetylcholinesterase activity and attenuating oxidative damage through SIRT1-PGC-1 β -Tau signaling pathway. 2019 , 129, 110-118	11
1082	Computational strategies for predicting free radical scavengers' protection against oxidative stress: Where are we and what might follow?. 2019 , 119, e25665	101
1081	Development of Multifunctional Molecules as Potential Therapeutic Candidates for Alzheimer's Disease, Parkinson's Disease, and Amyotrophic Lateral Sclerosis in the Last Decade. 2019 , 119, 1221-1322	227
1080	Copper blocks V-ATPase activity and SNARE complex formation to inhibit yeast vacuole fusion. 2019 , 20, 841-850	5
1079	Tanshinone IIA attenuates cardiac microvascular ischemia-reperfusion injury via regulating the SIRT1-PGC1 β mitochondrial apoptosis pathway. 2019 , 24, 991-1003	17
1078	Novel multi target-directed ligands targeting 5-HT receptors with in cellulo antioxidant properties as promising leads in Alzheimer's disease. 2019 , 182, 111596	8
1077	, a Neuroprotective Lead in Alzheimer Disease: A Review on Its Properties, Mechanisms of Action, and Preclinical and Clinical Studies. 2019 , 13, 1177392819866412	31
1076	Suppression of Alzheimer's Disease-Like Pathology Progression by Mitochondria-Targeted Antioxidant SkQ1: A Transcriptome Profiling Study. 2019 , 2019, 3984906	13
1075	Multifunctional Mono-Triazole Derivatives Inhibit A β Aggregation and Cu-Mediated A β Aggregation and Protect Against A β Induced Cytotoxicity. 2019 , 32, 1824-1839	16
1074	Safranal, an active ingredient of saffron, attenuates cognitive deficits in amyloid β induced rat model of Alzheimer's disease: underlying mechanisms. 2019 , 34, 1747-1759	21
1073	Phenylethanoid glycosides from protect rat pheochromocytoma (PC12) cells from hydrogen peroxide-induced cell injury. 2019 , 83, 2202-2212	5
1072	Effect of Ethanol-Derived Clove Leaf Extract on the Oxidative Stress Response in Yeast. 2019 , 2019, 2145378	4
1071	Clinical and Pathological Benefits of Edaravone for Alzheimer's Disease with Chronic Cerebral Hypoperfusion in a Novel Mouse Model. 2019 , 71, 327-339	7
1070	Suppression of Mouse AApoAll Amyloidosis Progression by Daily Supplementation with Oxidative Stress Inhibitors. 2019 , 2019, 1263274	0
1069	Cu Binding Properties of N-Truncated A β Peptides: In Search of Biological Function. 2019 , 58, 13561-13577	23
1068	Design, synthesis, in-silico and biological evaluation of novel chalcone derivatives as multi-function agents for the treatment of Alzheimer's disease. 2019 , 180, 238-252	33
1067	Combination antioxidant therapy prevents epileptogenesis and modifies chronic epilepsy. <i>Redox Biology</i> , 2019 , 26, 101278	11.3 32

1066	Alzheimer's Disease as a Membrane Disorder: Spatial Cross-Talk Among Beta-Amyloid Peptides, Nicotinic Acetylcholine Receptors and Lipid Rafts. 2019 , 13, 309	61
1065	Extract (EGb) Inhibits Oxidative Stress in Neuro 2A Cells Overexpressing APPsw. 2019 , 2019, 7034983	10
1064	Phenolic composition, antioxidant activity, anticholinesterase potential and modulatory effects of aqueous extracts of some seaweeds on Aβ aggregation and disaggregation. 2019 , 57, 460-469	19
1063	Synergistic Effects of Curcumin and Piperine as Potent Acetylcholine and Amyloidogenic Inhibitors With Significant Neuroprotective Activity in SH-SY5Y Cells Computational Molecular Modeling and Assay. 2019 , 11, 206	20
1062	Red Ginseng Attenuates Aβ-Induced Mitochondrial Dysfunction and Aβ-mediated Pathology in an Animal Model of Alzheimer's Disease. 2019 , 20,	22
1061	The effect of crocin on apoptotic, inflammatory, BDNF, Pt, and Aβ0 indicators and neuronal density of CA1, CA2, and CA3 regions of hippocampus in the model of Alzheimer suffering rats induced with trimethyltin chloride. 2019 , 28, 1403-1413	3
1060	Inhibition of NOX2-NLRP1 signaling pathway protects against chronic glucocorticoids exposure-induced hippocampal neuronal damage. 2019 , 74, 105721	14
1059	His6, His13, and His14 residues in Aβ-40 peptide significantly and specifically affect oligomeric equilibria. 2019 , 9, 9449	5
1058	Detailed Investigation of the Outstanding Peroxyl Radical Scavenging Activity of Two Novel Amino-Pyridinol-Based Compounds. 2019 , 59, 3494-3505	2
1057	Copper and copper nanoparticles toxicity and their impact on basic functions in the body. 2019 , 120, 397-409	22
1056	Fermented Goat Milk Consumption Enhances Brain Molecular Functions during Iron Deficiency Anemia Recovery. 2019 , 11,	3
1055	Biological, Diagnostic and Therapeutic Advances in Alzheimer's Disease. 2019 ,	0
1054	Tiaoxin Recipe, a Chinese herbal formula, inhibits microRNA-34a expression in the APPsw/PS1E9 mouse model of Alzheimer's disease. 2019 , 17, 404-409	6
1053	Glutaredoxin1 Diminishes Amyloid Beta-Mediated Oxidation of F-Actin and Reverses Cognitive Deficits in an Alzheimer's Disease Mouse Model. 2019 , 31, 1321-1338	10
1052	Hydroxypyridinone-Diamine Hybrids as Potential Neuroprotective Agents in the PC12 Cell-Line Model of Alzheimer's Disease. 2019 , 12,	3
1051	Effects of Astaxanthin from Shrimp Shell on Oxidative Stress and Behavior in Animal Model of Alzheimer's Disease. 2019 , 17,	18
1050	leaf extract ameliorates cognitive impairment in amyloid-β-injected Alzheimer's disease-like mouse model. 2019 , 244, 1665-1679	9
1049	Copper, dityrosine cross-links and amyloid-β aggregation. 2019 , 24, 1217-1229	8

1048	Diseases Related to Types of Free Radicals. 2019 ,	7
1047	Paeoniflorin Alleviates HO-Induced Oxidative Injury Through Down-Regulation of MicroRNA-135a in HT-22 Cells. 2019 , 44, 2821-2831	6
1046	Electrochemical Amyloid-Based Biosensor for the Determination of Metal Ions. 2019 , 166, B1497-B1505	4
1045	Using N-Terminal Coordination of Cu(II) and Ni(II) to Isolate the Coordination Environment of Cu(I) and Cu(II) Bound to His13 and His14 in Amyloid- β (4-16). 2019 , 58, 15138-15154	7
1044	Role of the Metal Center in the Modulation of the Aggregation Process of Amyloid Model Systems by Square Planar Complexes Bearing 2-(2'-pyridyl)benzimidazole Ligands. 2019 , 12,	6
1043	Lespedeza bicolor Extract Improves Amyloid Beta25 - 35-Induced Memory Impairments by Upregulating BDNF and Activating Akt, ERK, and CREB Signaling in Mice. 2019 , 85, 1363-1373	10
1042	Brain Iron Metabolism and CNS Diseases. 2019 ,	9
1041	Neurodegeneration and Neuro-Regeneration-Alzheimer's Disease and Stem Cell Therapy. 2019 , 20,	44
1040	Causative Links between Protein Aggregation and Oxidative Stress: A Review. 2019 , 20,	65
1039	Pretreatment of bone mesenchymal stem cells with miR181-c facilitates craniofacial defect reconstruction via activating AMPK-Mfn1 signaling pathways. 2019 , 39, 199-207	2
1038	Development of new treatments for Alzheimer's disease based on the modulation of translocator protein (TSPO). 2019 , 54, 100943	3
1037	Protective effects of diarylpropionitrile against hydrogen peroxide-induced damage in human neuroblastoma SH-SY5Y cells. 2019 , 1-8	3
1036	The Many Faces of Mitochondrial Dysfunction in Depression: From Pathology to Treatment. 2019 , 10, 995	18
1035	The Juice of Pomegranate (Punica granatum L.): Recent Studies on Its Bioactivities. 2019 , 459-489	3
1034	Acer okamotoanum and isoquercitrin improve cognitive function via attenuation of oxidative stress in high fat diet- and amyloid beta-induced mice. 2019 , 10, 6803-6814	16
1033	Metal binding to the amyloid- β peptides in the presence of biomembranes: potential mechanisms of cell toxicity. 2019 , 24, 1189-1196	23
1032	Therapeutic effects of bone mesenchymal stem cells on oral and maxillofacial defects: a novel signaling pathway involving miR-31/CXCR4/Akt axis. 2019 , 39, 321-330	5
1031	The Concentration of Memantine in the Cerebrospinal Fluid of Alzheimer's Disease Patients and Its Consequence to Oxidative Stress Biomarkers. 2019 , 10, 943	9

1030	Fundamentals on the molecular mechanism of action of antimicrobial peptides. 2019 , 8, 100494	32
1029	Identification of a Novel Multifunctional Ligand for Simultaneous Inhibition of Amyloid-Beta (A β) and Chelation of Zinc Metal Ion. 2019 , 10, 4619-4632	9
1028	Berberine: A Plant-derived Alkaloid with Therapeutic Potential to Combat Alzheimer's disease. 2019 , 19, 154-170	18
1027	A catalytic antioxidant for limiting amyloid-beta peptide aggregation and reactive oxygen species generation. 2019 , 10, 1634-1643	26
1026	Mst1 inhibition attenuates non-alcoholic fatty liver disease via reversing Parkin-related mitophagy. <i>Redox Biology</i> , 2019 , 21, 101120	11.3 43
1025	Modulating Effect of Diet on Alzheimer's Disease. 2019 , 7,	14
1024	Protective roles of isoastilbin against Alzheimer's disease via Nrf2-mediated antioxidation and anti-apoptosis. 2019 , 43, 1406-1416	10
1023	Carnosine Prevents A β -induced Oxidative Stress and Inflammation in Microglial Cells: A Key Role of TGF- β . 2019 , 8,	47
1022	An attempt to elucidate the role of iron and zinc ions in development of Alzheimer's and Parkinson's diseases. 2019 , 111, 1277-1289	36
1021	Possible Mechanisms by which Stefin B could Regulate Proteostasis and Oxidative Stress. 2019 , 8,	3
1020	Poly(propylene imine) dendrimers with histidine-maltose shell as novel type of nanoparticles for synapse and memory protection. 2019 , 17, 198-209	45
1019	Extraction Optimization, Antioxidant Capacity and Phenolic Profiling of Extracts from Flesh, Peel and Whole Fruit of New Zealand Grown Feijoa Cultivars. 2019 , 8,	7
1018	Chemical Basis of Reactive Oxygen Species Reactivity and Involvement in Neurodegenerative Diseases. 2019 , 20,	255
1017	Synthesis of 2-(2-oxo-2H-chromen-4-yl)acetamides as potent acetylcholinesterase inhibitors and molecular insights into binding interactions. 2019 , 352, e1800310	8
1016	Phyto-Tacrine Hybrids as Promising Drugs to Treat Alzheimer's Disease. 2019 , 4, 5776-5790	1
1015	Copper-Targeting Approaches in Alzheimer's Disease: How To Improve the Fallouts Obtained from in Vitro Studies. 2019 , 58, 13509-13527	29
1014	Processing of Mutant β Amyloid Precursor Protein and the Clinicopathological Features of Familial Alzheimer's Disease. 2019 , 10, 383-403	19
1013	Sirt3 modulate renal ischemia-reperfusion injury through enhancing mitochondrial fusion and activating the ERK-OPA1 signaling pathway. 2019 , 234, 23495-23506	37

1012	The protective effects of liraglutide on AD-like neurodegeneration induced by oxidative stress in human neuroblastoma SH-SY5Y cells. 2019 , 310, 108688	11
1011	Hippo/Mst1 overexpression induces mitochondrial death in head and neck squamous cell carcinoma via activating Eatenin/Drp1 pathway. 2019 , 24, 807-816	6
1010	Small Molecule Inhibits Metal-Dependent and -Independent Multifaceted Toxicity of Alzheimer's Disease. 2019 , 10, 3611-3621	27
1009	Oxymatrine can attenuate pathological deficits of Alzheimer's disease mice through regulation of neuroinflammation. 2019 , 334, 576978	11
1008	Chemical strategies to modify amyloidogenic peptides using iridium(iii) complexes: coordination and photo-induced oxidation. 2019 , 10, 6855-6862	14
1007	Mst1 contributes to nasal epithelium inflammation via augmenting oxidative stress and mitochondrial dysfunction in a manner dependent on Nrf2 inhibition. 2019 , 234, 23774-23784	8
1006	Alzheimer's disease and symbiotic microbiota: an evolutionary medicine perspective. 2019 , 1449, 3-24	16
1005	Effects of in vivo conditions on amyloid aggregation. 2019 , 48, 3946-3996	86
1004	Design, synthesis, in-silico and biological evaluation of novel chalcone-O-carbamate derivatives as multifunctional agents for the treatment of Alzheimer's disease. 2019 , 178, 726-739	26
1003	TrxR2 overexpression alleviates inflammation-mediated neuronal death reducing the oxidative stress and activating the Akt-Parkin pathway. 2019 , 8, 641-653	3
1002	Baicalein Exerts Neuroprotective Effects in FeCl-Induced Posttraumatic Epileptic Seizures Suppressing Ferroptosis. 2019 , 10, 638	45
1001	Design, synthesis, and biological evaluation of rutacecarpine derivatives as multitarget-directed ligands for the treatment of Alzheimer's disease. 2019 , 177, 198-211	21
1000	Astaxanthin exerts protective effects similar to bexarotene in Alzheimer's disease by modulating amyloid-beta and cholesterol homeostasis in blood-brain barrier endothelial cells. 2019 , 1865, 2224-2245	12
999	Physical & mental activities enhance the neuroprotective effect of vinpocetine & coenzyme Q10 combination against Alzheimer & bone remodeling in rats. 2019 , 229, 21-35	9
998	Cu(II) Binding to the N-Terminal Model Peptide of the Human Ctr2 Transporter at Lysosomal and Extracellular pH. 2019 , 58, 7488-7498	1
997	Neuronal Cells Rearrangement During Aging and Neurodegenerative Disease: Metabolism, Oxidative Stress and Organelles Dynamic. 2019 , 12, 132	87
996	High molecular weight amyloid oligomers induce neurotoxicity plasma membrane damage. 2019 , 33, 9220-9234	36
995	Effect of N-Acetyl Cysteine on Intracerebroventricular Colchicine Induced Cognitive Deficits, Beta Amyloid Pathology, and Glial Cells. 2019 , 2019, 7547382	2

994	X-ray Absorption Spectroscopy Investigations of Copper(II) Coordination in the Human Amyloid β Peptide. 2019 , 58, 6294-6311	19
993	Site-specific glycation of A β -42 affects fibril formation and is neurotoxic. 2019 , 294, 8806-8818	10
992	First studies on the interactions of the C-terminal cystatin C fragment 85-94 with Cu(II) ions. 2019 , 72, 1592-1602	
991	Role of PTA in the prevention of Cu(amyloid- β)induced ROS formation and amyloid- β oligomerisation in the presence of Zn. 2019 , 11, 1154-1161	3
990	Curcumin Derivatives as Metal-Chelating Agents: Implications for Potential Therapeutic Agents for Neurological Disorders. 2019 , 275-299	1
989	The protective effect of metformin in scopolamine-induced learning and memory impairment in rats. 2019 , 71, 818-825	20
988	Aqueous-ethanol extracts of some South African seaweeds inhibit beta-amyloid aggregation, cholinesterases, and beta-secretase activities in vitro. 2019 , 43, e12870	16
987	Exposure to fluoride aggravates the impairment in learning and memory and neuropathological lesions in mice carrying the APP/PS1 double-transgenic mutation. 2019 , 11, 35	15
986	2-O- β -glucopyranosyl-L-ascorbic acid, a novel vitamin C derivative from <i>Lycium barbarum</i> , prevents oxidative stress. <i>Redox Biology</i> , 2019 , 24, 101173	11,3 17
985	A comprehensive study on the generation of reactive oxygen species in Cu-A β -catalyzed redox processes. 2019 , 135, 125-131	10
984	New Multitarget Hybrids Bearing Tacrine and Phenylbenzothiazole Motifs as Potential Drug Candidates for Alzheimer's Disease. 2019 , 24,	8
983	Structural analysis of copper(I) interaction with amyloid β peptide. 2019 , 195, 31-38	12
982	Protein oxidation during temperature-induced amyloid aggregation of beta-lactoglobulin. 2019 , 289, 223-231	25
981	Multifunctional carbon dots as a therapeutic nanoagent for modulating Cu(ii)-mediated β amyloid aggregation. 2019 , 11, 6297-6306	31
980	The Ameliorating Effects of Bee Pollen on Scopolamine-Induced Cognitive Impairment in Mice. 2019 , 42, 379-388	7
979	Inonotus obliquus polysaccharides protect against Alzheimer's disease by regulating Nrf2 signaling and exerting antioxidative and antiapoptotic effects. 2019 , 131, 769-778	32
978	Multiscale Simulations of Biological Membranes: The Challenge To Understand Biological Phenomena in a Living Substance. 2019 , 119, 5607-5774	130
977	Chemical characterization, antioxidant properties, cholinesterase inhibitory and anti-amyloidogenic activities of sulfated polysaccharides from some seaweeds. 2019 , 18, 100182	26

976	A Synthetic Pro-Drug Peptide Reverses Amyloid- β -Induced Toxicity in the Rat Model of Alzheimer's Disease. 2019 , 69, 499-512	5
975	Molecular Targets in Alzheimer's Disease. 2019 , 56, 7032-7044	20
974	Nanowired delivery of cerebrolysin with neprilysin and p-Tau antibodies induces superior neuroprotection in Alzheimer's disease. 2019 , 245, 145-200	17
973	Lag-time in Alzheimer's disease patients: a potential plasmatic oxidative stress marker associated with ApoE4 isoform. 2019 , 16, 7	11
972	Hydrogen peroxide, a potent inducer of global genomic instability. 2019 , 65, 913-917	5
971	Old age increases microglial senescence, exacerbates secondary neuroinflammation, and worsens neurological outcomes after acute traumatic brain injury in mice. 2019 , 77, 194-206	58
970	A strategy for qualitative and quantitative profiling of glycyrrhiza extract and discovery of potential markers by fingerprint-activity relationship modeling. 2019 , 9, 1309	10
969	Artemisia amygdalina Upregulates Nrf2 and Protects Neurons Against Oxidative Stress in Alzheimer Disease. 2019 , 39, 387-399	13
968	Amyloid β Perturbs elevated heme flux induced with neuronal development. 2019 , 5, 27-37	5
967	Novel Deoxyvasicinone-Donepezil Hybrids as Potential Multitarget Drug Candidates for Alzheimer's Disease. 2019 , 10, 2397-2407	14
966	Dementia in Down syndrome: unique insights for Alzheimer disease research. 2019 , 15, 135-147	126
965	Oxidative stress, dysfunctional glucose metabolism and Alzheimer disease. 2019 , 20, 148-160	492
964	Activation of anti-oxidant of curcumin pyrazole derivatives through preservation of mitochondria function and Nrf2 signaling pathway. 2019 , 125, 82-90	21
963	Hesperetin Confers Neuroprotection by Regulating Nrf2/TLR4/NF- κ B Signaling in an A β Mouse Model. 2019 , 56, 6293-6309	72
962	The TDMQ Regulators of Copper Homeostasis Do Not Disturb the Activities of Cu,Zn-SOD, Tyrosinase, or the ColIII Cofactor Vitamin B12. 2019 , 2019, 1384-1388	5
961	Biomarkers of Oxidative/Nitrosative Stress and Neurotoxicity. 2019 , 1013-1031	
960	Nrf2 β ARE Signaling Acts as Master Pathway for the Cellular Antioxidant Activity of Fisetin. 2019 , 24,	26
959	Synthesis and evaluation of novel GSK-3 β inhibitors as multifunctional agents against Alzheimer's disease. 2019 , 167, 211-225	23

958	Novel Approaches for the Treatment of Alzheimer’s and Parkinson’s Disease. 2019 , 20,	71
957	Iron and manganese-related CNS toxicity: mechanisms, diagnosis and treatment. 2019 , 19, 243-260	23
956	Ozone pollution, oxidative stress, synaptic plasticity, and neurodegeneration. 2019 ,	1
955	Oxidative stress, the immune response, synaptic plasticity, and cognition in transgenic models of Alzheimer disease. 2019 ,	6
954	Mitochondria and Alzheimer’s Disease: An Electron Microscopy Study. 2019 ,	1
953	Cepharanthine promotes the effect of dexmedetomidine on the deposition of β amyloid in the old age of the senile dementia rat model by regulating inflammasome expression. 2019 , 57, 348-356	2
952	Neuroprotective potential of phytochemicals via in silico molecular docking techniques. 2019 , 243-266	
951	The memory improving effects of round scad (<i>Decapterus maruadsi</i>) hydrolysates on sleep deprivation-induced memory deficits in rats via antioxidant and neurotrophic pathways. 2019 , 10, 7733-7744	20
950	Yes-associated protein reduces neuroinflammation through upregulation of Sirt3 and inhibition of JNK signaling pathway. 2019 , 39, 479-487	2
949	FA-97, a New Synthetic Caffeic Acid Phenethyl Ester Derivative, Protects against Oxidative Stress-Mediated Neuronal Cell Apoptosis and Scopolamine-Induced Cognitive Impairment by Activating Nrf2/HO-1 Signaling. 2019 , 2019, 8239642	36
948	Radical Scavenging Activity of Puerarin: A Theoretical Study. 2019 , 8,	15
947	Resveratrol attenuates cerebral ischaemia reperfusion injury via modulating mitochondrial dynamics homeostasis and activating AMPK-Mfn1 pathway. 2019 , 100, 337-349	11
946	Aldehyde dehydrogenase 2 activity and aldehydic load contribute to neuroinflammation and Alzheimer’s disease related pathology. 2019 , 7, 190	18
945	The ‘Yin’ and the ‘Yang’ of the kynurenine pathway: excitotoxicity and neuroprotection imbalance in stress-induced disorders. 2019 , 30, 163-186	11
944	Future Therapeutic Perspectives into the Alzheimer’s Disease Targeting the Oxidative Stress Hypothesis. 2019 , 24,	38
943	Low serum concentration of free triiodothyronine (FT3) is associated with increased risk of Alzheimer’s disease. 2019 , 99, 112-119	19
942	A critical role of the transient receptor potential melastatin 2 channel in a positive feedback mechanism for reactive oxygen species-induced delayed cell death. 2019 , 234, 3647-3660	20
941	Redox proteomics and amyloid β peptide: insights into Alzheimer disease. 2019 , 151, 459-487	44

940	Cu and Zn interactions with A β peptides: consequence of coordination on aggregation and formation of neurotoxic soluble A β oligomers. 2019 , 11, 64-84	48
939	Biomimetic Cu, Zn and Cu ₂ complexes inserted in mesoporous silica as catalysts for superoxide dismutation. 2019 , 279, 133-141	5
938	Quantitative fingerprint and quality control analysis of Compound Liquorice Tablet combined with antioxidant activities and chemometrics methods. 2019 , 59, 152790	19
937	Strategies Employing Transition Metal Complexes To Modulate Amyloid- β Aggregation. 2019 , 58, 8-17	25
936	Neuroprotective effects of 1d β -1 α acetoxyeugenol acetate on A β induced cognitive dysfunction in mice. 2019 , 109, 1454-1461	5
935	MoO nanodots with dual enzyme mimic activities as multifunctional modulators for amyloid assembly and neurotoxicity. 2019 , 539, 575-584	18
934	Insights into Second-Sphere Effects on Redox Potentials, Spectroscopic Properties, and Superoxide Dismutase Activity of Manganese Complexes with Schiff-Base Ligands. 2019 , 4, 48-57	11
933	In-vitro evaluation studies of 7-chloro-4-aminoquinoline Schiff bases and their copper complexes as cholinesterase inhibitors. 2019 , 191, 183-193	12
932	Mitochondrial dynamics, a key executioner in neurodegenerative diseases. 2019 , 47, 151-173	52
931	Fine particulate matter induces mitochondrial dysfunction and oxidative stress in human SH-SY5Y cells. 2019 , 218, 577-588	47
930	Analysis of post-translational modifications in Alzheimer's disease by mass spectrometry. 2019 , 1865, 2040-2047	10
929	Novel salicylamide derivatives as potent multifunctional agents for the treatment of Alzheimer's disease: Design, synthesis and biological evaluation. 2019 , 84, 137-149	10
928	Selection of Membrane RNA Aptamers to Amyloid Beta Peptide: Implications for Exosome-Based Antioxidant Strategies. 2019 , 20,	11
927	Neuroprotective efficacy of thymoquinone against amyloid beta-induced neurotoxicity in human induced pluripotent stem cell-derived cholinergic neurons. 2019 , 17, 122-126	12
926	Effects of chain length of saturated fatty acids on A β generation in SH-SY5Y cells. 2019 , 698, 169-172	4
925	Protective effect of epigallocatechin gallate on human erythrocytes. 2019 , 173, 742-750	9
924	Serum ischaemia-modified albumin might be a potential biomarker for oxidative stress in amnesic mild cognitive impairment. 2019 , 19, 150-156	5
923	Photosensitizing materials and platforms for light-triggered modulation of Alzheimer's β amyloid self-assembly. 2019 , 190-191, 121-132	36

922	Tetraclinis articulata essential oil mitigates cognitive deficits and brain oxidative stress in an Alzheimer's disease amyloidosis model. 2019 , 56, 57-63	21
921	Ginsenoside Compound K Regulates Amyloid β via the Nrf2/Keap1 Signaling Pathway in Mice with Scopolamine Hydrobromide-Induced Memory Impairments. 2019 , 67, 62-71	27
920	Crosstalk between zinc and free fatty acids in plasma. 2019 , 1864, 532-542	18
919	Protective roles of Amanita caesarea polysaccharides against Alzheimer's disease via Nrf2 pathway. 2019 , 121, 29-37	26
918	Colostrum Proline-Rich Polypeptide Complexes. Comparative Study of the Antioxidant Properties, Cytokine-Inducing Activity, and Nitric Oxide Release of Preparations Produced by a Laboratory and a Large-Scale Method. 2020 , 26, 685-694	4
917	Mst1 deletion reduces hyperglycemia-mediated vascular dysfunction via attenuating mitochondrial fission and modulating the JNK signaling pathway. 2020 , 235, 294-303	9
916	Mst1 deletion reduces septic cardiomyopathy via activating Parkin-related mitophagy. 2020 , 235, 317-327	13
915	Establishment of analytical method for quantification of anti-inflammatory agents co-nanoencapsulated and its application to physicochemical development and characterization of lipid-core nanocapsules. 2020 , 13, 2456-2469	8
914	Shorter Telomere Length in Carriers of APOE- ϵ 4 and High Plasma Concentration of Glucose, Glyoxal and Other Advanced Glycation End Products (AGEs). 2020 , 75, 1894-1898	2
913	Natural products and their derivatives as multifunctional ligands against Alzheimer's disease. 2020 , 81, 165-183	24
912	Studies on the Neuroprotection of Osthole on Glutamate-Induced Apoptotic Cells and an Alzheimer's Disease Mouse Model via Modulation Oxidative Stress. 2020 , 190, 634-644	17
911	Beta-Amyloid Increases the Expression Levels of Tid1 Responsible for Neuronal Cell Death and Amyloid Beta Production. 2020 , 57, 1099-1114	5
910	miR125a attenuates BMSCs apoptosis via the MAPK-ERK pathways in the setting of craniofacial defect reconstruction. 2020 , 235, 2857-2865	2
909	MKP1 reduces neuroinflammation via inhibiting endoplasmic reticulum stress and mitochondrial dysfunction. 2020 , 235, 4316-4325	3
908	Selective Autophagy Receptors in Neuronal Health and Disease. 2020 , 432, 2483-2509	32
907	Mercury and Alzheimer's Disease: Hg(II) Ions Display Specific Binding to the Amyloid- β Peptide and Hinder Its Fibrillization. 2019 , 10,	13
906	Recent Progress in Autocatalytic Ceria Nanoparticles-Based Translational Research on Brain Diseases. 2020 , 3, 1043-1062	14
905	Molecular crosstalk between cancer and neurodegenerative diseases. 2020 , 77, 2659-2680	21

904	Molecular targets and therapeutic interventions for iron induced neurodegeneration. 2020 , 156, 1-9	9
903	Do herpesviruses play a role in Alzheimer's disease pathogenesis?. 2020 , 32, 21-26	1
902	Knockdown of circular RNA circZNF652 remits LPS-induced inflammatory damage by regulating miR-181a. 2020 , 46, 1031-1040	10
901	Peptidic Scaffolds To Reduce the Interaction of Cu(II) Ions with β Amyloid Protein. 2020 , 59, 837-846	4
900	Critical Review of Exposure and Effects: Implications for Setting Regulatory Health Criteria for Ingested Copper. 2020 , 65, 131-159	136
899	Apigenin-rivastigmine hybrids as multi-target-directed ligands for the treatment of Alzheimer's disease. 2020 , 187, 111958	34
898	Ageing, age-related diseases and oxidative stress: What to do next?. 2020 , 57, 100982	138
897	Phytol loaded PLGA nanoparticles regulate the expression of Alzheimer's related genes and neuronal apoptosis against amyloid- β induced toxicity in Neuro-2a cells and transgenic <i>Caenorhabditis elegans</i> . 2020 , 136, 110962	12
896	Interactions of a multifunctional di-triazole derivative with Alzheimer's A β monomer and A β protofibril: a systematic molecular dynamics study. 2020 , 22, 1543-1556	19
895	Proteome-Wide Survey of Cysteine Oxidation by Using a Norbornene Probe. 2020 , 21, 1329-1334	8
894	Binding and Reactivity of Copper to R and R Fragments of tau Protein. 2020 , 59, 274-286	12
893	Biomedical applications of cerium oxide nanoparticles: a potent redox modulator and drug delivery agent. 2020 , 283-301	5
892	PM on the London Underground. 2020 , 134, 105188	26
891	Novel tacrine-benzofuran hybrids as potential multi-target drug candidates for the treatment of Alzheimer's Disease. 2020 , 35, 211-226	23
890	Oxidative stress in alzheimer's disease: A review on emergent natural polyphenolic therapeutics. 2020 , 49, 102294	53
889	Biomedical Application of Reactive Oxygen Species-Responsive Nanocarriers in Cancer, Inflammation, and Neurodegenerative Diseases. 2020 , 8, 838	14
888	Revisiting the Idea That Amyloid- β Peptide Acts as an Agonist for P2X7. 2020 , 13, 166	4
887	Royal Jelly as an Intelligent Anti-Aging Agent-A Focus on Cognitive Aging and Alzheimer's Disease: A Review. 2020 , 9,	23

886	Lupeol, a Plant-Derived Triterpenoid, Protects Mice Brains against A β -Induced Oxidative Stress and Neurodegeneration. 2020 , 8,	9
885	Preclinical evidences of aluminum-induced neurotoxicity in hippocampus and pre-frontal cortex of rats exposed to low doses. 2020 , 206, 111139	6
884	Vitamin D deficiency exacerbates Alzheimer-like pathologies by reducing antioxidant capacity. 2020 , 161, 139-149	11
883	Antioxidant and Neuroprotective Effects of Caffeine against Alzheimer's and Parkinson's Disease: Insight into the Role of Nrf-2 and A2AR Signaling. 2020 , 9,	20
882	Approaches for Reactive Oxygen Species and Oxidative Stress Quantification in Epilepsy. 2020 , 9,	20
881	Disruption of mitochondrial functions and oxidative stress contribute to neurologic dysfunction in organic acidurias. 2020 , 696, 108646	4
880	Toxic effects of endoplasmic reticulum stress transducer BBF2H7-derived small peptide fragments on neuronal cells. 2020 , 1749, 147139	
879	The potential role of nanoyttria in alleviating oxidative stress biomarkers: Implications for Alzheimer's disease therapy. 2020 , 259, 118287	6
878	Development of Conformational Antibodies to Detect Bcl-xL's Amyloid Aggregates in Metal-Induced Apoptotic Neuroblastoma Cells. 2020 , 21,	2
877	Attenuation of Spatial Memory in 5xFAD Mice by Halting Cholinesterases, Oxidative Stress and Neuroinflammation Using a Cyclopentanone Derivative. 2020 , 13,	8
876	Retinal Degeneration and Alzheimer's Disease: An Evolving Link. 2020 , 21,	25
875	Antioxidant Amelioration of Riboflavin Transporter Deficiency in Motoneurons Derived from Patient-Specific Induced Pluripotent Stem Cells. 2020 , 21,	2
874	Blood-Brain Barrier Permeable Chitosan Oligosaccharides Interfere with β Amyloid Aggregation and Alleviate β Amyloid Protein Mediated Neurotoxicity and Neuroinflammation in a Dose- and Degree of Polymerization-Dependent Manner. 2020 , 18,	10
873	Sequence and structure-based peptides as potent amyloid inhibitors: A review. 2020 , 695, 108614	10
872	Biological evaluation of naturally occurring bulbocodin D as a potential multi-target agent for Alzheimer's disease. 2020 , 165, 48-55	2
871	Naringenin alleviates cognition deficits in high-fat diet-fed SAMP8 mice. 2020 , 44, e13375	9
870	Computer-designed melatonin derivatives: potent peroxy radical scavengers with no pro-oxidant behavior. 2020 , 139, 1	3
869	Design, Synthesis and Biological Evaluation of Xanthone Derivatives for Possible Treatment of Alzheimer's Disease Based on Multi-Target Strategy. 2020 , 17, e2000442	10

868	Effects of histidine modification of chitosan microparticles on metal ion adsorption. 2020 , 154, 104694	8
867	Metal-chelating benzothiazole multifunctional compounds for the modulation and Cu PET imaging of A β aggregation. 2020 , 11, 7789-7799	17
866	Spinosin protects N2a cells from H ₂ O ₂ -induced neurotoxicity through inactivation of p38MAPK. 2020 , 72, 1607-1614	2
865	Bioactive Polysaccharides from Seaweeds. 2020 , 25,	45
864	Quercetin Disaggregates Prion Fibrils and Decreases Fibril-Induced Cytotoxicity and Oxidative Stress. 2020 , 12,	2
863	Neuroprotective Effect of 2-Aminoethoxydiphenyl Borate (2-APB) in Amyloid β Induced Memory Dysfunction: A Mechanistic Study. 2020 , 1	3
862	Manganese Exposure Aggravates β Amyloid Pathology by Microglial Activation. 2020 , 12, 556008	10
861	The Function of Transthyretin Complexes with Metallothionein in Alzheimer's Disease. 2020 , 21,	8
860	p47 deficiency improves cognitive impairment and attenuates tau hyperphosphorylation in mouse models of AD. 2020 , 12, 146	4
859	An α helix mimetic oligopyridylamide, ADH-31, modulates A β monomer aggregation and destabilizes protofibril structures: insights from molecular dynamics simulations. 2020 , 22, 28055-28073	3
858	Antioxidant Potential of Curcumin-A Meta-Analysis of Randomized Clinical Trials. 2020 , 9,	25
857	"What Doesn't Kill You Makes You Stronger": Future Applications of Amyloid Aggregates in Biomedicine. 2020 , 25,	10
856	MCF7 Spheroid Development: New Insight about Spatio/Temporal Arrangements of TNTs, Amyloid Fibrils, Cell Connections, and Cellular Bridges. 2020 , 21,	8
855	New coumarin-benzotriazole based hybrid molecules as inhibitors of acetylcholinesterase and amyloid aggregation. 2020 , 30, 127477	17
854	Bioactive ROS-scavenging nanozymes for regenerative medicine: Reestablishing the antioxidant firewall. 2020 , 1, 285-297	10
853	Cannabinoid-profiled agents improve cell survival via reduction of oxidative stress and inflammation, and Nrf2 activation in a toxic model combining hyperglycemia+A β peptide in rat hippocampal neurons. 2020 , 140, 104817	10
852	Design, synthesis and biological evaluation of edaravone derivatives bearing the -benzyl pyridinium moiety as multifunctional anti-Alzheimer's agents. 2020 , 35, 1596-1605	5
851	Centrally Active Multitarget Anti-Alzheimer Agents Derived from the Antioxidant Lead CR-6. 2020 , 63, 9360-9390	11

850	Aging and Progression of Beta-Amyloid Pathology in Alzheimer's Disease Correlates with Microglial Heme-Oxygenase-1 Overexpression. 2020 , 9,	7
849	Transcription factor NRF2 as a promising therapeutic target for Alzheimer's disease. 2020 , 159, 87-102	21
848	Akt inhibition-dependent downregulation of the Wnt/ β Catenin Signaling pathway contributes to antimyoin-induced neurotoxicity. 2020 , 737, 140252	10
847	Amentoflavone: A Bifunctional Metal Chelator that Controls the Formation of Neurotoxic Soluble A β Oligomers. 2020 , 11, 2741-2752	10
846	Nucleic acid oxidation is associated with biomarkers of neurodegeneration in CSF in people with HIV. 2020 , 7,	2
845	Axonal Degeneration in AD: The Contribution of A β and Tau. 2020 , 12, 581767	9
844	Polymorphic Genetic Markers of the GABA Catabolism Pathway in Alzheimer's Disease. 2020 , 77, 301-311	1
843	The Antiaggregative and Antiamyloidogenic Properties of Nanoparticles: A Promising Tool for the Treatment and Diagnostics of Neurodegenerative Diseases. 2020 , 2020, 3534570	9
842	Copper Toxicity Links to Pathogenesis of Alzheimer's Disease and Therapeutics Approaches. 2020 , 21,	24
841	Formulation, Characterization and Evaluation against SH-SY5Y Cells of New Tacrine and Tacrine-MAP Loaded with Lipid Nanoparticles. 2020 , 10,	5
840	Copper and zinc isotopic excursions in the human brain affected by Alzheimer's disease. 2020 , 12, e12112	7
839	Antioxidant and neuroprotective effects of mGlu3 receptor activation on astrocytes aged in vitro. 2020 , 140, 104837	1
838	Indoloquinoline derivatives as promising multi-functional anti-Alzheimer agents. 2020 , 1-18	2
837	Relationship between Type I and Type II Template Processes: Amyloids and Genome Stability. 2020 , 54, 661-683	
836	Attenuation of Oxidative Stress by Cannabinoids and Cannabis Extracts in Differentiated Neuronal Cells. 2020 , 13,	9
835	Functional Foods: An Approach to Modulate Molecular Mechanisms of Alzheimer's Disease. 2020 , 9,	14
834	Inhibition of A β aggregates in Alzheimer's disease by epigallocatechin and epicatechin-3-gallate from green tea. 2020 , 105, 104382	16
833	A Mechanistic Evaluation of Antioxidant Nutraceuticals on Their Potential against Age-Associated Neurodegenerative Diseases. 2020 , 9,	8

832	Intersection between sleep and neurovascular coupling as the driving pathophysiology of Alzheimer's disease. 2020 , 144, 110283	1
831	Further Studies on Triazinoindoles as Potential Novel Multitarget-Directed Anti-Alzheimer's Agents. 2020 , 11, 3557-3574	5
830	In vitro Acetylcholinesterase inhibitory activity of polyphenolic compounds identified from <i>Matricaria recutita</i> . 2020 , 19, 2050029	0
829	Ionizing Radiation as a Source of Oxidative Stress-The Protective Role of Melatonin and Vitamin D. 2020 , 21,	17
828	Structural conversion of human islet amyloid polypeptide aggregates under an electric field. 2020 , 56, 11497-11500	1
827	A β Peptides: N-Terminal Truncation Yields Tunable Cu(II) Complexes. 2020 , 59, 14000-14011	4
826	Increases in hypertension-induced cerebral microhemorrhages exacerbate gait dysfunction in a mouse model of Alzheimer's disease. 2020 , 42, 1685-1698	16
825	Peroxiredoxin 6 mediates protective function of astrocytes in A β proteostasis. 2020 , 15, 50	9
824	4-Hydroxynonenal Immunoreactivity Is Increased in the Frontal Cortex of 5XFAD Transgenic Mice. 2020 , 8,	3
823	Neurodegenerative Diseases: Potential Effect of Glutathione. 2020 ,	1
822	When It Comes to an End: Oxidative Stress Crosstalk with Protein Aggregation and Neuroinflammation Induce Neurodegeneration. 2020 , 9,	21
821	Dual Effect of the Acidic Polysaccharose Ulvan on the Inhibition of Amyloid- β Protein Fibrillation and Disintegration of Mature Fibrils. 2020 , 12, 41167-41176	12
820	Cotinine and 6-Hydroxy-L-Nicotine Reverses Memory Deficits and Reduces Oxidative Stress in A β Induced Rat Model of Alzheimer's Disease. 2020 , 9,	7
819	Interaction of A β 2 chains and fibrillary seeds studied by all-atom molecular dynamics simulations. 2020 , e1138	
818	Biomarkers: Our Path Towards a Cure for Alzheimer Disease. 2020 , 15, 1177271920976367	9
817	Copper Dyshomeostasis in Neurodegenerative Diseases-Therapeutic Implications. 2020 , 21,	22
816	Insulin Resistance at the Crossroad of Alzheimer Disease Pathology: A Review. 2020 , 11, 560375	15
815	Novel deoxyvasicinone and tetrahydro-beta-carboline hybrids as inhibitors of acetylcholinesterase and amyloid beta aggregation. 2020 , 30, 127659	2

814	Common aspects between glaucoma and brain neurodegeneration. 2020 , 786, 108323		3
813	TRPM2 channel-mediated cell death: An important mechanism linking oxidative stress-inducing pathological factors to associated pathological conditions. <i>Redox Biology</i> , 2020 , 37, 101755	11.3	13
812	Size resolved aerosol respiratory doses in a Mediterranean urban area: From PM to ultrafine particles. 2020 , 141, 105714		14
811	Chemical Composition and Anti-Alzheimer's Disease-Related Activities of a Functional Oil from the Edible Seaweed <i>Hizikia fusiforme</i> . 2020 , 17, e2000055		6
810	Development of novel -(6-methanesulfonyl-benzothiazol-2-yl)-3-(4-substituted-piperazin-1-yl)-propionamides with cholinesterase inhibition, anti- β -Amyloid aggregation, neuroprotection and cognition enhancing properties for the therapy of Alzheimer's disease.. 2020 , 10, 17602-17619		6
809	Thiosemicarbazone Derivatives as Inhibitors of Amyloid- β Aggregation: Effect of Metal Coordination. 2020 , 59, 6978-6987		11
808	Roles of Autophagy in Oxidative Stress. 2020 , 21,		69
807	Amaryllidaceae alkaloids and neuronal cell protection. 2020 , 135-144		1
806	Functionalized Mesoporous Silicas Direct Structural Polymorphism of Amyloid- β Fibrils. 2020 , 36, 7345-7355		1
805	Chemical and Biological Characterization of <i>Erigeron Floribundus</i> (Kunth) Sch.Bip Extracts Obtained by Four Isolation Procedures. 2020 , 53, 2799-2811		1
804	Opposite Roles of μ and δ Opioid Receptors in BACE1 Regulation and Alzheimer's Injury. 2020 , 14, 88		4
803	MiR-539-5p Decreases amyloid β protein production, hyperphosphorylation of Tau and Memory Impairment by Regulating PI3K/Akt/GSK-3 β Pathways in APP/PS1 Double Transgenic Mice. 2020 , 38, 524-535		3
802	Quality assessment of licorice (<i>Glycyrrhiza glabra</i> L.) from different sources by multiple fingerprint profiles combined with quantitative analysis, antioxidant activity and chemometric methods. 2020 , 324, 126854		28
801	The Effect of Short-Term Physical Activity on the Oxidative Stress in Rats with Different Stress Resistance Profiles in Cerebral Hypoperfusion. 2020 , 57, 3014-3026		5
800	Novel carbazole-stilbene hybrids as multifunctional anti-Alzheimer agents. 2020 , 101, 103977		17
799	Inhibition of fibrillation of human β -crystallin by a flavonoid morin. 2021 , 39, 4279-4289		0
798	Herpetosiphon Secondary Metabolites Inhibit Amyloid- β Toxicity in Human Primary Astrocytes. 2020 , 76, 423-433		5
797	Naringenin Upregulates AMPK-Mediated Autophagy to Rescue Neuronal Cells From β Amyloid Evoked Neurotoxicity. 2020 , 57, 3589-3602		17

796	Association of microbiota-derived propionic acid and Alzheimer's disease; bioinformatics analysis. 2020 , 19, 783-804	4
795	NRF2 and Primary Cilia: An Emerging Partnership. 2020 , 9,	5
794	Piezoelectric materials for ultrasound-driven dissociation of Alzheimer's β amyloid aggregate structure. 2020 , 255, 120165	21
793	A Novel A β Assembly at Physiological Concentration. 2020 , 10, 9477	3
792	His18 promotes reactive oxidative stress production in copper-ion mediated human islet amyloid polypeptide aggregation.. 2020 , 10, 5566-5571	2
791	Copper stabilizes antiparallel β sheet fibrils of the amyloid β 0 (A β 0)-Iowa variant. 2020 , 295, 8914-8927	3
790	Involvement of Lipids in Alzheimer's Disease Pathology and Potential Therapies. 2020 , 11, 598	65
789	Senescence as an Amyloid Cascade: The Amyloid Senescence Hypothesis. 2020 , 14, 129	18
788	Nanoliposomes as a Therapeutic Tool for Alzheimer's Disease. 2020 , 12, 20	10
787	Metal complexes that bind to the amyloid- β peptide of relevance to Alzheimer's disease. 2020 , 412, 213255	24
786	Protective Effects of Radish Extract Against Neurotoxicity in Mice and PC12 Cells. 2020 , 23, 523-534	2
785	Copper Transporters? Glutathione Reactivity of Products of Cu-A β Digestion by Neprilysin. 2020 , 59, 4186-4190	7
784	A Unique GSK-3 β Inhibitor B10 Has a Direct Effect on A β Targets Tau and Metal Dyshomeostasis, and Promotes Neuronal Neurite Outgrowth. 2020 , 9,	8
783	Salivary Redox Biomarkers in Selected Neurodegenerative Diseases. 2020 , 9,	25
782	The Effects of YAP and Its Related Mechanisms in Central Nervous System Diseases. 2020 , 14, 595	5
781	Novel Isatin Thiosemicarbazone Derivatives as Potent Inhibitors of β Amyloid Peptide Aggregation and Toxicity. 2020 , 11, 2266-2276	4
780	Telomere length and oxidative stress variations in a murine model of Alzheimer's disease progression. 2020 , 52, 4863-4874	1
779	Interaction of Oxidative Stress and Misfolded Proteins in the Mechanism of Neurodegeneration. 2020 , 10,	23

778	Esculetin as a Bifunctional Antioxidant Prevents and Counteracts the Oxidative Stress and Neuronal Death Induced by Amyloid Protein in SH-SY5Y Cells. 2020 , 9,	16
777	Polyphenols as Potential Metal Chelation Compounds Against Alzheimer's Disease. 2021 , 82, S335-S357	20
776	Pulse Pressure: An Emerging Therapeutic Target for Dementia. 2020 , 14, 669	7
775	Excitotoxicity, oxidative stress, and neuronal injury. 2020 , 795-810	
774	"Turn-on" ratiometric electrochemical detection of HO in one drop of whole blood sample via a novel microelectrode sensor. 2020 , 165, 112402	12
773	Recent progress in Keap1-Nrf2 protein-protein interaction inhibitors. 2020 , 202, 112532	20
772	GSK-3 β inhibition by curcumin mitigates amyloidogenesis via TFEB activation and anti-oxidative activity in human neuroblastoma cells. 2020 , 54, 918-930	14
771	Amyloid- β tau, and the cholinergic system in Alzheimer's disease: seeking direction in a tangle of clues. 2020 , 31, 391-413	26
770	Effects of Cannabis Use on the Protein and Lipid Profile of Olfactory Neuroepithelium Cells from Schizophrenia Patients Studied by Synchrotron-Based FTIR Spectroscopy. 2020 , 10,	5
769	Conjugation of RTHLVFFARK to human lysozyme creates a potent multifunctional modulator for Cu-mediated amyloid β protein aggregation and cytotoxicity. 2020 , 8, 2256-2268	4
768	Enhancing β Secretase Processing for Alzheimer's Disease-A View on SFRP1. 2020 , 10,	2
767	One- and Two-Electron Oxidations of β Amyloid by Carbonate Radical Anion (CO) and Peroxymonocarbonate (HCO): Role of Sulfur in Radical Reactions and Peptide Aggregation. 2020 , 25,	8
766	Ganoderma lucidum Triterpenoids (GLTs) Reduce Neuronal Apoptosis via Inhibition of ROCK Signal Pathway in APP/PS1 Transgenic Alzheimer's Disease Mice. 2020 , 2020, 9894037	17
765	Chinese medicine Di-Huang-Yi-Zhi protects PC12 cells from HO-induced apoptosis by regulating ROS-ASK1-JNK/p38 MAPK signaling. 2020 , 20, 54	3
764	Human-Induced Pluripotent Stem Cells and Herbal Small-Molecule Drugs for Treatment of Alzheimer's Disease. 2020 , 21,	4
763	Chia Seed Oil Prevents High Fat Diet Induced Hyperlipidemia and Oxidative Stress in Mice. 2020 , 122, 1900443	3
762	Neural Protective Effects of Millet and Millet Polyphenols on High-Fat Diet-Induced Oxidative Stress in the Brain. 2020 , 75, 208-214	5
761	Combining electronic properties and virtual screening for the development of new antioxidants: Trolox-like compounds as application example. 2020 , 120, e26194	0

760	Preparation, characterization and activity of CuZn and Cu superoxide dismutase mimics encapsulated in mesoporous silica. 2020 , 207, 111050	4
759	A novel role for SHARPIN in amyloid- β phagocytosis and inflammation by peripheral blood-derived macrophages in Alzheimer's disease. 2020 , 93, 131-141	10
758	Inhibitory effects of curcumin on HO-induced cell damage and APP expression and processing in SH-SY5Y cells transfected with APP gene with Swedish mutation. 2020 , 47, 2047-2059	3
757	Magnetic Resonance Texture Analysis in Alzheimer's disease. 2020 , 27, 1774-1783	12
756	Exploring the Multi-Target Performance of Mitochondriotropic Antioxidants against the Pivotal Alzheimer's Disease Pathophysiological Hallmarks. 2020 , 25,	6
755	Human Herpesvirus 6 Detection in Alzheimer's Disease Cases and Controls across Multiple Cohorts. 2020 , 105, 1027-1035.e2	47
754	Role of Oxidized Gly25, Gly29, and Gly33 Residues on the Interactions of A β with Lipid Membranes. 2020 , 11, 535-548	2
753	Cognitive-enhancing effects of fibrauretime on A β induced Alzheimer's disease by compatibilization with ginsenosides. 2020 , 82, 102020	2
752	Near-Infrared Responsive Dopamine/Melatonin-Derived Nanocomposites Abrogating in Situ Amyloid β Nucleation, Propagation, and Ameliorate Neuronal Functions. 2020 , 12, 5658-5670	11
751	Interplay Between Mitochondrial Oxidative Disorders and Proteostasis in Alzheimer's Disease. 2019 , 13, 1444	28
750	Accelerative effects of carbazole-type alkaloids from <i>Murraya koenigii</i> on neurite outgrowth and their derivative's in vivo study for spatial memory. 2020 , 74, 448-455	2
749	Nox2 dependent redox-regulation of microglial response to amyloid- β stimulation and microgliosis in aging. 2020 , 10, 1582	18
748	The pROS of Autophagy in Neuronal Health. 2020 , 432, 2546-2559	8
747	Pak2 inhibition promotes resveratrol-mediated glioblastoma A172 cell apoptosis via modulating the AMPK-YAP signaling pathway. 2020 , 235, 6563-6573	3
746	Korean Red Ginseng Inhibits Amyloid- β Induced Apoptosis and Nucling Expression in Human Neuronal Cells. 2020 , 105, 586-597	4
745	Exendin-4 attenuates inflammation-mediated endothelial cell apoptosis in varicose veins through inhibiting the MAPK-JNK signaling pathway. 2020 , 40, 464-470	1
744	(-)-Carveol, a Natural Compound, Improves β -Amyloid-Peptide 1-42-Induced Memory Impairment and Oxidative Stress in the Rat Hippocampus. 2020 , 2020, 8082560	8
743	Current understanding of metal ions in the pathogenesis of Alzheimer's disease. 2020 , 9, 10	85

742	Minimalistic Principles for Designing Small Molecules with Multiple Reactivities against Pathological Factors in Dementia. 2020 , 142, 8183-8193	10
741	Unravelling electron transfer in peptide-cation complexes: a model for mimicking redox centres in proteins. 2020 , 22, 8409-8417	3
740	The Predicted Key Molecules, Functions, and Pathways That Bridge Mild Cognitive Impairment (MCI) and Alzheimer's Disease (AD). 2020 , 11, 233	19
739	Copper(II) partially protects three histidine residues and the N-terminus of amyloid- β peptide from diethyl pyrocarbonate (DEPC) modification. 2020 , 10, 1072-1081	
738	Preparation of sea cucumber (<i>Stichopus variegates</i>) peptide fraction with desired organoleptic property and its anti-aging activity in fruit flies and D-galactose-induced aging mice. 2020 , 69, 103954	11
737	Remote oxidative modifications induced by oxygen free radicals modify T/R allosteric equilibrium of a hyperthermophilic lactate dehydrogenase. 2020 , 210, 107478	3
736	Camellia oil alleviates the progression of Alzheimer's disease in aluminum chloride-treated rats. 2020 , 152, 411-421	20
735	A Multifunctional Chemical Agent as an Attenuator of Amyloid Burden and Neuroinflammation in Alzheimer's Disease. 2020 , 11, 1471-1481	12
734	Hydrogen sulfide increases copper-dependent neurotoxicity via intracellular copper accumulation. 2020 , 12, 868-875	8
733	The Essential Oil from <i>Acori Tatarinowii</i> Rhizome (the Dried Rhizome of Schott) Prevents Hydrogen Peroxide-Induced Cell Injury in PC12 Cells: A Signaling Triggered by CREB/PGC-1 Activation. 2020 , 2020, 4845028	5
732	Oxidative Stress Targeting Amyloid Beta Accumulation and Clearance in Alzheimer's Disease: Insight into Pathological Mechanisms and Therapeutic Strategies. 2020 , 9, 22-42	0
731	Extract Enriched in Mangiferin Protects PC12 Cells against a Neurotoxic Agent-3-Nitropropionic Acid. 2020 , 21,	6
730	Uric acid and late-onset Alzheimer's disease: results from the ReGAL 2.0 project. 2021 , 33, 361-366	8
729	Recent advances in extracting phenolic compounds from food and their use in disease prevention and as cosmetics. 2021 , 61, 1130-1151	33
728	Bcl-2-associated athanogene 5 overexpression attenuates catecholamine-induced vascular endothelial cell apoptosis. 2021 , 236, 946-957	3
727	Novel target for treating Alzheimer's Diseases: Crosstalk between the Nrf2 pathway and autophagy. 2021 , 65, 101207	14
726	Integrated paper-based 3D platform for long-term cell culture and in situ cell viability monitoring of Alzheimer's disease cell model. 2021 , 223, 121738	2
725	Multifunctional compounds for the treatment of Alzheimer's disease. 2021 , 99, 1-9	4

724	Urolithin A suppresses high glucose-induced neuronal amyloidogenesis by modulating TGM2-dependent ER-mitochondria contacts and calcium homeostasis. 2021 , 28, 184-202	26
723	A critical evaluation of probes for cysteine sulfenic acid. 2021 , 60, 55-65	9
722	The effects of fermentation with lactic acid bacteria on the antioxidant and anti-glycation properties of edible cyanobacteria and microalgae. 2021 , 135, 110029	5
721	Design and Applications of Bifunctional Small Molecules in Biology. 2021 , 1869, 140534	2
720	Oxidative stress mitigation by antioxidants - An overview on their chemistry and influences on health status. 2021 , 209, 112891	83
719	The contrasting effect of macromolecular crowding and confinement on fibril formation of globular protein: Underlying cause of proteopathies. 2021 , 322, 114602	2
718	Sesame oil mitigates memory impairment, oxidative stress, and neurodegeneration in a rat model of Alzheimer's disease. A pivotal role of NF- κ B/p38MAPK/BDNF/PPAR- γ pathways. 2021 , 267, 113468	12
717	NMR-based Lavado cocoa chemical characterization and comparison with fermented cocoa varieties: Insights on cocoa's anti-amyloidogenic activity. 2021 , 341, 128249	7
716	miR-204-3p/Nox4 Mediates Memory Deficits in a Mouse Model of Alzheimer's Disease. 2021 , 29, 396-408	10
715	Design, synthesis and biological evaluation of Schiff base derivatives as multifunctional agents for the treatment of Alzheimer's disease. 2021 , 30, 624-634	0
714	The Aggregation Pattern of A β s Altered by the Presence of N-Truncated A β and/or Cu in a Similar Way through Ionic Interactions. 2021 , 27, 2798-2809	5
713	Antioxidant, antimicrobial and neuroprotective effects of Octaviana asterosperma in vitro. 2020 , 12, 128-138	2
712	Exploring the role of mitochondrial proteins as molecular target in Alzheimer's disease. 2021 , 56, 62-72	4
711	Oxidative Damage and Antioxidant Response in Frontal Cortex of Demented and Nondemented Individuals with Alzheimer's Neuropathology. 2021 , 41, 538-554	13
710	Protective role of microglial HO-1 blockade in aging: Implication of iron metabolism. <i>Redox Biology</i> , 2021 , 38, 101789	11,3 18
709	Emerging role of AMPA receptor subunit GluA1 in synaptic plasticity: Implications for Alzheimer's disease. 2021 , 54, e12959	10
708	Protective effect of Terminalia chebula Retz. extract against A β aggregation and A β -induced toxicity in <i>Caenorhabditis elegans</i> . 2021 , 268, 113640	5
707	Glycogen Synthase Kinase 3: A New Gold Rush in Anti-Alzheimer's Disease Multitarget Drug Discovery?. 2021 , 64, 26-41	15

706	Intermediates involved in serotonin oxidation catalyzed by Cu bound A β peptides. 2020 , 12, 1924-1929	5
705	The membrane axis of Alzheimer's nanomedicine. 2021 , 1, 2000040	4
704	Critical thinking on amyloid-beta-targeted therapy: challenges and perspectives. 2021 , 64, 926-937	2
703	Plasma GSH levels and Alzheimer's disease. A prospective approach.: Results from the HELIAD study. 2021 , 162, 274-282	13
702	Telomeric alterations in the default mode network during the progression of Alzheimer's disease: Selective vulnerability of the precuneus. 2021 , 47, 428-440	2
701	Iron and Ferroptosis as Therapeutic Targets in Alzheimer's Disease. 2021 , 18, 252-264	12
700	Investigation of Catalytic Potential and Radical Scavenging Efficacy of Terminalia bellerica Roxb Bark Mediated Ecofriendly Silver Nanoparticles. 2021 , 32, 1015-1031	1
699	A Cu-bis(imidazole) Substrate Intermediate Is the Catalytically Competent Center for Catechol Oxidase Activity of Copper Amyloid- β 2021 , 60, 606-613	0
698	Tadalafil Reversed H-89 - and Scopolamine - Induced Spatial Learning Impairments in Male Rats. 2021 , 71, 275-283	1
697	Detection Technologies for Reactive Oxygen Species: Fluorescence and Electrochemical Methods and Their Applications. 2021 , 11,	18
696	Investigative studies on the inhibition of amyloid-like fibrils formation by the extracts of Vernonia amygdalina Del. leaf. 1	1
695	PGC-1 β reduces Amyloid- β deposition in Alzheimer's disease: Effect of increased VDR expression. 2021 , 744, 135598	6
694	Sulforaphane inhibits the production of A β partially through the activation of Nrf2-regulated oxidative stress. 2021 , 12, 11482-11490	1
693	Screening of Synthetic Isoxazolone Derivative Role in Alzheimer's Disease: Computational and Pharmacological Approach. 2021 , 46, 905-920	7
692	Distinct impact of glycation towards the aggregation and toxicity of murine and human amyloid- β 2021 , 57, 7637-7640	0
691	The Pathogenesis Mechanism, Structure Properties, Potential Drugs and Therapeutic Nanoparticles against the Small Oligomers of Amyloid- β 2021 , 21, 151-167	2
690	Free Radicals and Actinobacteria as a Misexplored Goldmine of Antioxidant Compounds. 2021 , 93, e20201925	
689	Discovery of sustainable drugs for Alzheimer's disease: cardanol-derived cholinesterase inhibitors with antioxidant and anti-amyloid properties. 2021 , 12, 1154-1163	0

688	TRPM2 channel in oxidative stress-induced mitochondrial dysfunction and apoptotic cell death. 2021 , 125, 51-72	1
687	Chromone-lipoic acid conjugate: Neuroprotective agent having acceptable butyrylcholinesterase inhibition, antioxidant and copper-chelation activities. 2021 , 29, 23-38	5
686	Unexpected Trends in Copper Removal from A β Peptide: When Less Ligand Is Better and Zn Helps. 2021 , 60, 1248-1256	3
685	Oxidative Stress and Antioxidant Strategies in Human Diseases. 2021 , 1-26	
684	Metformin: A Potential Candidate for Targeting Aging Mechanisms. 2021 , 12, 480-493	13
683	Commonalities between Copper Neurotoxicity and Alzheimer's Disease. 2021 , 9,	9
682	Cross-Linked Amyloid β Protein Oligomers: A Missing Link in Alzheimer's Disease Pathology?. 2021 , 125, 1307-1316	0
681	Pathophysiological Clues to How the Emergent SARS-CoV-2 Can Potentially Increase the Susceptibility to Neurodegeneration. 2021 , 58, 2379-2394	17
680	Oncogenic Effects of HIV-1 Proteins, Mechanisms Behind. 2021 , 13,	8
679	Melatonin ameliorates diabetes-induced brain injury in rats. 2021 , 123, 151677	7
678	Mini-Review: Is iron-mediated cell death (ferroptosis) an identical factor contributing to the pathogenesis of some neurodegenerative diseases?. 2021 , 745, 135627	7
677	Decoding the Neuroprotective Potential of Methyl Gallate-Loaded Starch Nanoparticles against Beta Amyloid-Induced Oxidative Stress-Mediated Apoptosis: An In Vitro Study. 2021 , 13,	3
676	Isoliquiritigenin Confers Neuroprotection and Alleviates Amyloid- β 2-Induced Neuroinflammation in Microglia by Regulating the Nrf2/NF- κ B Signaling. 2021 , 15, 638772	7
675	Development of genistein-O-alkylamines derivatives as multifunctional agents for the treatment of Alzheimer's disease. 2021 , 107, 104602	4
674	Engineered Sulfated Polysaccharides for Biomedical Applications. 2021 , 31, 2010732	9
673	Huanglian Jiedu decoction remodels the periphery microenvironment to inhibit Alzheimer's disease progression based on the "brain-gut" axis through multiple integrated omics. 2021 , 13, 44	7
672	A Toxic Synergy between Aluminium and Amyloid Beta in Yeast. 2021 , 22,	6
671	Systematic Review: Quantitative Susceptibility Mapping (QSM) of Brain Iron Profile in Neurodegenerative Diseases. 2021 , 15, 618435	14

670	Paraoxonase-1 and -3 Protein Expression in the Brain of the Tg2576 Mouse Model of Alzheimer's Disease. 2021 , 10,	4
669	A narrative review on the potential of tomato and lycopene for the prevention of Alzheimer's disease and other dementias. 2021 , 1-12	6
668	Mitochondrial Dysfunction and Oxidative Stress in Alzheimer's Disease. 2021 , 13, 617588	57
667	6-Gingerol, an active constituent of ginger, attenuates lipopolysaccharide-induced oxidation, inflammation, cognitive deficits, neuroplasticity, and amyloidogenesis in rat. 2021 , 45, e13660	4
666	Potential of Caffeine in Alzheimer's Disease-A Review of Experimental Studies. 2021 , 13,	14
665	Energy, Entropy and Quantum Tunneling of Protons and Electrons in Brain Mitochondria: Relation to Mitochondrial Impairment in Aging-Related Human Brain Diseases and Therapeutic Measures. 2021 , 9,	2
664	The Role of Butyrylcholinesterase and Iron in the Regulation of Cholinergic Network and Cognitive Dysfunction in Alzheimer's Disease Pathogenesis. 2021 , 22,	5
663	Modifiable, Non-Modifiable, and Clinical Factors Associated with Progression of Alzheimer's Disease. 2021 , 80, 1-27	8
662	Membrane Interactions and Toxicity by Misfolded Protein Oligomers. 2021 , 9, 642623	10
661	Epipoic acid has the potential to normalize copper metabolism, which is dysregulated in Alzheimer's disease.	1
660	Nonenzymatic Electrochemical Sensor with Ratiometric Signal Output for Selective Determination of Superoxide Anion in Rat Brain. 2021 , 93, 5570-5576	14
659	Synergistically improving myricetin ESPT and antioxidant activity via dexterously trimming atomic electronegativity. 2021 , 325, 115272	8
658	The neuroprotection of deproteinized calf blood extractives injection against Alzheimer's disease via regulation of Nrf-2 signaling. 2021 , 13, 11150-11169	0
657	Roles of Selenoproteins in Brain Function and the Potential Mechanism of Selenium in Alzheimer's Disease. 2021 , 15, 646518	14
656	Wild radish (<i>Raphanus sativus</i> var. <i>hortensis</i> f. <i>raphanistroides</i>) root extract protects neuronal cells by inhibiting microglial activation. 2021 , 64,	1
655	Racemization in Post-Translational Modifications Relevance to Protein Aging, Aggregation and Neurodegeneration: Tip of the Iceberg. 2021 , 13,	1
654	From Metabolic Syndrome to Neurological Diseases: Role of Autophagy. 2021 , 9, 651021	2
653	Mitochondrial Permeability Transition: A Pore Intertwines Brain Aging and Alzheimer's Disease. 2021 , 10,	4

652	Physical Exercise and Alzheimer's Disease: Effects on Pathophysiological Molecular Pathways of the Disease. 2021 , 22,	8
651	Elucidating the influence of environmentally relevant toxic metal mixture on molecular mechanisms involved in the development of neurodegenerative diseases: In silico toxicogenomic data-mining. 2021 , 194, 110727	10
650	Syntheses of Water-Soluble Silver(II)-Phthalocyanines toward Optical Sensing for Thiol Detection. 2021 , 60, 6739-6745	1
649	Dynamic Interplay between Copper Toxicity and Mitochondrial Dysfunction in Alzheimer's Disease. 2021 , 11,	0
648	Roles and mechanisms of phospholipid transfer protein in the development of Alzheimer's disease. 2021 , 21, 659-667	1
647	Effect of high-frequency low-intensity pulsed electric field on protecting SH-SY5Y cells against hydrogen peroxide and Amyloid-induced cell injury via ERK pathway. 2021 , 16, e0250491	0
646	Oral Administration of Gintonin Protects the Brains of Mice against A-Induced Alzheimer Disease Pathology: Antioxidant and Anti-Inflammatory Effects. 2021 , 2021, 6635552	8
645	Effects of Acupuncture on Oxidative Stress Amelioration via Nrf2/ARE-Related Pathways in Alzheimer and Parkinson Diseases. 2021 , 2021, 6624976	1
644	Novel Peptide-Calix[4]arene Conjugate Inhibits A β Aggregation and Rescues Neurons from A β Oligomers Cytotoxicity. 2021 , 12, 1449-1462	3
643	Screening for Core Genes Related to Pathogenesis of Alzheimer's Disease. 2021 , 9, 668738	1
642	Subtle genomic DNA damage induces intraneuronal production of amyloid- β (1-42) by increasing β secretase activity. 2021 , 35, e21569	3
641	Beneficial Effects of Cyclic Ether 2-Butoxytetrahydrofuran from Sea Cucumber against A β Aggregate Toxicity in Transgenic and Potential Chemical Interaction. 2021 , 26,	4
640	Introducing Tb in (Ce/Eu)TbMoO Metal Oxide at Room Temperature and Its Use in Amyloid Defibrillation. 2021 , 13, 18184-18193	2
639	Synthesis, characterization and pharmacological evaluation of quinoline derivatives and their complexes with copper(II) in in vitro cell models of Alzheimer's disease. 2021 , 217, 111393	4
638	Intersection between Redox Homeostasis and Autophagy: Valuable Insights into Neurodegeneration. 2021 , 10,	7
637	The Chemistry of Reactive Oxygen Species (ROS) Revisited: Outlining Their Role in Biological Macromolecules (DNA, Lipids and Proteins) and Induced Pathologies. 2021 , 22,	102
636	Spatial Memory and Gut Microbiota Alterations Are Already Present in Early Adulthood in a Pre-clinical Transgenic Model of Alzheimer's Disease. 2021 , 15, 595583	11
635	Antioxidative effect of DJ-1 is enhanced in NG108-15 cells by DPMQ-induced copper influx. 2021 , 320, C635-C651	0

634	Photobiomodulation Therapy for Dementia: A Systematic Review of Pre-Clinical and Clinical Studies. 2021 , 83, 1431-1452	6
633	Oxidative Stress, Neuroinflammation, and NADPH Oxidase: Implications in the Pathogenesis and Treatment of Alzheimer's Disease. 2021 , 2021, 7086512	25
632	Elucidating the Multi-Targeted Role of Nutraceuticals: A Complementary Therapy to Starve Neurodegenerative Diseases. 2021 , 22,	3
631	Mitochondrial dysfunction in Alzheimer's disease - a proteomics perspective. 2021 , 18, 295-304	7
630	Stress Response Is the Main Trigger of Sporadic Amyloidoses. 2021 , 22,	1
629	Nicotinamide Ameliorates Amyloid Beta-Induced Oxidative Stress-Mediated Neuroinflammation and Neurodegeneration in Adult Mouse Brain. 2021 , 9,	4
628	Design, synthesis and evaluation of novel dimethylamino chalcone-O-alkylamines derivatives as potential multifunctional agents against Alzheimer's disease. 2021 , 216, 113310	7
627	A review on Fingonin as a potential multi-target-directed ligand for Alzheimer's disease. 2021 , 897, 173950	12
626	Near-Infrared-Active Copper Molybdenum Sulfide Nanocubes for Phonon-Mediated Clearance of Alzheimer's Amyloid Aggregates. 2021 , 13, 18581-18593	5
625	Amyloid β Perturbs Cu(II) Binding to the Prion Protein in a Site-Specific Manner: Insights into Its Potential Neurotoxic Mechanisms. 2021 , 60, 8958-8972	4
624	Poria cocos polysaccharide attenuates damage of nervus in Alzheimer's disease rat model induced by D-galactose and aluminum trichloride. 2021 , 32, 727-737	3
623	Metal ion coordination in peptide fragments of neurotrophins: A crucial step for understanding the role and signaling of these proteins in the brain. 2021 , 435, 213790	3
622	The application of multifunctional nanomaterials in Alzheimer's disease: A potential theranostics strategy. 2021 , 137, 111360	3
621	Luminescent lanthanide complexes for reactive oxygen species biosensing and possible application in Alzheimer's diseases. 2021 ,	1
620	Epigallocatechin-3-Gallate Provides Protection Against Alzheimer's Disease-Induced Learning and Memory Impairments in Rats. 2021 , 15, 2013-2024	4
619	Flavonoids modulate AMPK/PGC-1 β and interconnected pathways toward potential neuroprotective activities. 2021 , 36, 1501-1521	2
618	Oxidative Stress in Down and Williams-Beuren Syndromes: An Overview. 2021 , 26,	4
617	SMILE: systems metabolomics using interpretable learning and evolution. 2021 , 22, 284	3

616	Biomimetic Dendrimer-Peptide Conjugates for Early Multi-Target Therapy of Alzheimer's Disease by Inflammatory Microenvironment Modulation. 2021 , 33, e2100746	12
615	Amyloids: The History of Toxicity and Functionality. 2021 , 10,	3
614	Exploring the Impact of Glyoxal Glycation on β Amyloid Peptide (A β) Aggregation in Alzheimer's Disease. 2021 , 125, 5559-5571	2
613	The Relevance of Amyloid β -Calmodulin Complexation in Neurons and Brain Degeneration in Alzheimer's Disease. 2021 , 22,	2
612	Calcium Dyshomeostasis in Alzheimer's Disease Pathogenesis. 2021 , 22,	13
611	Bis(8-hydroxyquinoline) Ligands: Exploring their Potential as Selective Copper-Binding Agents for Alzheimer's Disease. 2021 , 2021, 1993-1999	1
610	Recent Progress in the Drug Development for the Treatment of Alzheimer's Disease Especially on Inhibition of Amyloid-peptide Aggregation. 2021 , 21, 969-990	1
609	Measurement of Interpeptidic Cu Exchange Rate Constants of Cu-Amyloid- β Complexes to Small Peptide Motifs by Tryptophan Fluorescence Quenching. 2021 , 60, 7650-7659	2
608	Insulin Resistance as a Common Link Between Current Alzheimer's Disease Hypotheses. 2021 , 82, 71-105	7
607	The interplay between lipid and A β amyloid homeostasis in Alzheimer's Disease: risk factors and therapeutic opportunities. 2021 , 236, 105072	2
606	Redox-active phytoconstituents ameliorate cell damage and inflammation in rat hippocampal neurons exposed to hyperglycemia+A β peptide. 2021 , 145, 104993	1
605	Deciphering the links between psychological stress, depression, and neurocognitive decline in patients with Down syndrome. 2021 , 14, 100305	1
604	Neuroprotective Natural Products for Alzheimer's Disease. 2021 , 10,	17
603	PKC β Prospects in Regulating Insulin Resistance and AD. 2021 , 32, 341-350	2
602	Solid-State NMR Study to Probe the Effects of Divalent Metal Ions (Ca and Mg) on the Magnetic Alignment of Polymer-Based Lipid Nanodiscs. 2021 , 37, 7780-7788	1
601	Neuroprotective Activities of Constituents from <i>Phyllosticta capitalensis</i> , an Endophyte Fungus of <i>Loropetalum chinense</i> var. <i>rubrum</i> . 2021 , 18, e2100314	3
600	Natural Phyto-Antioxidant Albumin Nanoagents to Treat Advanced Alzheimer's Disease. 2021 , 13, 30373-30382	
599	Selective Pseudo-irreversible Butyrylcholinesterase Inhibitors Transferring Antioxidant Moieties to the Enzyme Show Pronounced Neuroprotective Efficacy In Vitro and In Vivo in an Alzheimer's Disease Mouse Model. 2021 , 64, 9302-9320	7

598	Nanomaterials toward the treatment of Alzheimer's disease: Recent advances and future trends. 2021 , 32, 1857-1868	9
597	Therapeutic potential of astaxanthin and superoxide dismutase in Alzheimer's disease. 2021 , 11, 210013	7
596	Evidence for the Role of Mitochondrial DNA Release in the Inflammatory Response in Neurological Disorders. 2021 , 22,	6
595	Soluble State of Villin Headpiece Protein as a Tool in the Assessment of MD Force Fields. 2021 , 125, 6897-6911	1
594	Design, synthesis and in-vitro evaluation of fluorinated triazoles as multi-target directed ligands for Alzheimer disease. 2021 , 42, 127999	1
593	Peganum harmala enhanced GLP-1 and restored insulin signaling to alleviate A β -induced Alzheimer-like pathology model. 2021 , 11, 12040	4
592	A Novel Cu(II)-Binding Peptide Identified by Phage Display Inhibits Cu-Mediated A β Aggregation. 2021 , 22,	2
591	Neuroprotective effects of ononin against the aluminium chloride-induced Alzheimer's disease in rats. 2021 , 28, 4232-4239	9
590	Phthalimide-(N-alkylbenzylamine) cysteamide hybrids as multifunctional agents against Alzheimer's disease: Design, synthesis, and biological evaluation. 2021 , 98, 493-500	1
589	Immunological and hormonal mechanisms in Alzheimer's disease. 2020 , 61, 1033-1038	
588	Copper Imbalance in Alzheimer's Disease: Meta-Analysis of Serum, Plasma, and Brain Specimens, and Replication Study Evaluating Gene Variants. 2021 , 11,	7
587	Apple leaves and their major secondary metabolite phlorizin exhibit distinct neuroprotective activities: Evidence from in vivo and in silico studies. 2021 , 14, 103188	5
586	Long-term administration of metformin ameliorates age-dependent oxidative stress and cognitive function in rats. 2021 , 410, 113343	3
585	Insulin Resistance Exacerbates Alzheimer Disease via Multiple Mechanisms. 2021 , 15, 687157	9
584	Correlative optical photothermal infrared and X-ray fluorescence for chemical imaging of trace elements and relevant molecular structures directly in neurons. 2021 , 10, 151	6
583	Protective effect of alpha-linoleic acid on A β -induced oxidative stress, neuroinflammation, and memory impairment by alteration of α 7 nAChR and NMDAR gene expression in the hippocampus of rats. 2021 , 85, 245-253	3
582	Synergistic Neuroprotective Effects of a Natural Product Mixture against AD Hallmarks and Cognitive Decline in and an SAMP8 Mice Model. 2021 , 13,	1
581	Adlay hull extracts attenuate A β -induced neurotoxicity and oxidative stress in PC12 cells through antioxidative, anti-inflammatory, and antiapoptotic activities. 2021 , 26, 101020	0

- 580 Can a Micronutrient Mixture Delay the Onset and Progression of Symptoms of Single-Point Mutation Diseases?. **2021**, 1-10
- 579 A network pharmacology-based study on key pharmacological pathways and targets of Qi Fu Yin acting on Alzheimer's disease. **2021**, 149, 111336 2
- 578 Tranilast, a Transient Receptor Potential Vanilloid 2 Channel (TRPV2) Inhibitor Attenuates Amyloid Induced Cognitive Impairment: Possible Mechanisms. **2021**, 1 3
- 577 Sinensetin Attenuates Amyloid Beta-Induced Oxidative Stress, Inflammation, and Apoptosis in SH-SY5Y Cells Through the TLR4/NF- κ B Signaling Pathway. **2021**, 46, 3012-3024 3
- 576 Novel Therapeutic Approaches for Alzheimer's Disease: An Updated Review. **2021**, 22, 3
- 575 Chemometric analysis of active compounds and antioxidant and α -glucosidase inhibitory activities for the quality evaluation of licorice from different origins. **2021**, 35, e5215 2
- 574 -Chalcone Plus Baicalein Synergistically Reduce Intracellular Amyloid Beta (A β) and Protect from A β Induced Oxidative Damage in Yeast Models of Alzheimer's Disease. **2021**, 22, 2
- 573 Probing Amyloid Nanostructures using Photoluminescent Metal Complexes. 1
- 572 Metal Ions-Mediated Oxidative Stress in Alzheimer's Disease and Chelation Therapy. 0
- 571 Platinum nanoparticles Protect Against Lipopolysaccharide-Induced Inflammation in Microglial BV-2 Cells via Decreased Oxidative Damage and Increased Phagocytosis. **2021**, 46, 3325-3341
- 570 Apigenin Ameliorates Scopolamine-Induced Cognitive Dysfunction and Neuronal Damage in Mice. **2021**, 26, 3
- 569 N-Propargylamine-hydroxypyridinone hybrids as multitarget agents for the treatment of Alzheimer's disease. **2021**, 113, 105013 3
- 568 Forcefield evaluation and accelerated molecular dynamics simulation of Zn(II) binding to N-terminus of amyloid- β **2021**, 93, 107540 2
- 567 Neuroinflammatory Signaling in the Pathogenesis of Alzheimer's Disease. **2021**, 5
- 566 The lysosome as a master regulator of iron metabolism. **2021**, 46, 960-975 9
- 565 Redox Properties of Small Molecules Essential for Multiple Reactivities with Pathological Factors in Alzheimer's Disease. **2021**, 42, 1272 3
- 564 Glutathione: An Old and Small Molecule with Great Functions and New Applications in the Brain and in Alzheimer's Disease. **2021**, 35, 270-292 4
- 563 Early detection of redox imbalance in the APP^{swe}/PS1^{dE9} mouse model of Alzheimer's disease by in vivo electron paramagnetic resonance imaging. **2021**, 172, 9-18 1

562	Copper Imbalance in Alzheimer's Disease and Its Link with the Amyloid Hypothesis: Towards a Combined Clinical, Chemical, and Genetic Etiology. 2021 , 83, 23-41	11
561	Exposure to Environmental Arsenic and Emerging Risk of Alzheimer's Disease: Perspective Mechanisms, Management Strategy, and Future Directions. 2021 , 9,	6
560	Reactive species in progeroid syndromes and ageing-related processes. 2021 ,	0
559	Engineering Amyloid Aggregation as a New Way to Eliminate Cancer Stem Cells by the Disruption of Iron Homeostasis. 2021 , 21, 7379-7387	1
558	In-vitro evaluation of antioxidant and anticholinesterase activities of novel pyridine, quinoxaline and s-triazine derivatives. 2021 , 199, 111320	11
557	Metallobiology and therapeutic chelation of biometals (copper, zinc and iron) in Alzheimer's disease: Limitations, and current and future perspectives. 2021 , 67, 126779	14
556	Mitochondrial dysfunction and beneficial effects of mitochondria-targeted small peptide SS-31 in Diabetes Mellitus and Alzheimer's disease. 2021 , 171, 105783	8
555	Deciphering the Potential Neuroprotective Effects of Luteolin against A β -Induced Alzheimer's Disease. 2021 , 22,	9
554	Functional Metabolic Mapping Reveals Highly Active Branched-Chain Amino Acid Metabolism in Human Astrocytes, Which Is Impaired in iPSC-Derived Astrocytes in Alzheimer's Disease. 2021 , 13, 736580	2
553	Approaches for a Closer Look at Problems of Liquid Membranes with Amyloid-Beta Peptides. 2022 , 265-294	1
552	Cognitive improvement effects of Momordica charantia in amyloid beta-induced Alzheimer's disease mouse model. 2021 , 64, 299-307	
551	A β initiates brain hypometabolism, network dysfunction and behavioral abnormalities via NOX2-induced oxidative stress in mice. 2021 , 4, 1054	5
550	Flavanonol Glycosides from the Stems of and Their Neuroprotective Activities. 2021 , 14,	
549	Role of amber extract in protecting SHSY5Y cells against amyloid β -42-induced neurotoxicity. 2021 , 141, 111804	1
548	Neuroprotective potency of a soy whey fermented by Cordyceps militaris SN-18 against hydrogen peroxide-induced oxidative injury in PC12 cells. 2021 , 1	1
547	Endogenous Enzymatic Antioxidant Defense and Pathologies.	3
546	Amyloid fibrils catalyze neurotransmitter degradation. 2021 , 1, 908-922	1
545	Oxidative stress, the immune response, synaptic plasticity, and cognition in transgenic models of Alzheimer disease. 2021 ,	1

544	A Water-Soluble Peptoid Chelator that Can Remove Cu ²⁺ from Amyloid- β Peptides and Stop the Formation of Reactive Oxygen Species Associated with Alzheimer's Disease. 2021 , 133, 24793	0
543	A Water-Soluble Peptoid Chelator that Can Remove Cu from Amyloid- β Peptides and Stop the Formation of Reactive Oxygen Species Associated with Alzheimer's Disease. 2021 , 60, 24588-24597	1
542	Long-term oral administration of hyperoside ameliorates AD-related neuropathology and improves cognitive impairment in APP/PS1 transgenic mice. 2021 , 151, 105196	4
541	Ambivalent role of ascorbic acid in the metal-catalyzed oxidation of oligopeptides. 2021 , 222, 111510	
540	Design, Synthesis, and Evaluation of Chalcone Derivatives as Multifunctional Agents against Alzheimer's Disease. 2021 , 18, e2100341	0
539	Taurine and Camel Milk Modulate Neurobehavioral and Biochemical Changes in Aluminum Chloride-Induced Alzheimer's Disease in Rats. 2021 , 84, 291-302	
538	Nicotine prevents in vivo A β toxicity in <i>Caenorhabditis elegans</i> via SKN-1. 2021 , 761, 136114	4
537	The Beneficial Role of Natural Endocrine Disruptors: Phytoestrogens in Alzheimer's Disease. 2021 , 2021, 3961445	1
536	Apoptosis and its therapeutic implications in neurodegenerative diseases. 2022 , 35, 65-78	4
535	Amyloid toxicity in a <i>Drosophila</i> Alzheimer's model is ameliorated by autophagy activation. 2021 , 105, 137-147	1
534	Ozone pollution, oxidative stress, synaptic plasticity, and neurodegeneration. 2021 ,	1
533	OXIDATIVE STRESS IN ALZHEIMER'S DISEASE-EVALUATING THE AMYLOID BETA HYPOTHESIS. 32-38	
532	Design, synthesis and biological evaluation of naringenin carbamate derivatives as potential multifunctional agents for the treatment of Alzheimer's disease. 2021 , 49, 128316	6
531	Ameliorative effects of oyster (<i>Crassostrea hongkongensis</i>) protein hydrolysate on age-induced cognitive impairment via restoring glia cell dysfunction and neuronal injured in zebrafish. 2021 , 85, 104607	0
530	FOXO and related transcription factors binding elements in the regulation of neurodegenerative disorders. 2021 , 116, 102012	2
529	<i>Ficus deltoidea</i> : Potential inhibitor of pro-inflammatory mediators in lipopolysaccharide-induced activation of microglial cells. 2021 , 279, 114309	0
528	Dual targeting of acetylcholinesterase and tau aggregation: Design, synthesis and evaluation of multifunctional deoxyvasicinone analogues for Alzheimer's disease. 2021 , 116, 105354	2
527	Morin attenuates memory deficits in a rat model of Alzheimer's disease by ameliorating oxidative stress and neuroinflammation. 2021 , 910, 174506	1

526	Attenuation of spatial memory in 5xFAD mice by targeting cholinesterases, oxidative stress and inflammatory signaling using 2-(hydroxyl-(2-nitrophenyl)methyl)cyclopentanone. 2021 , 100, 108083	2
525	A dual-targeted multifunctional nanoformulation for potential prevention and therapy of Alzheimer's disease.. 2021 , 2, 100160	3
524	Emerging roles of oxidative stress in brain aging and Alzheimer's disease. 2021 , 107, 86-95	23
523	Decrypting the potential role of Hippic acid in Alzheimer's disease. 2021 , 284, 119899	3
522	Discovery of 1-(phenylsulfonyl)-1H-indole-based multifunctional ligands targeting cholinesterases and 5-HT receptor with anti-aggregation properties against amyloid-beta and tau. 2021 , 225, 113783	3
521	Synthesis and biological evaluation of selective histone deacetylase 6 inhibitors as multifunctional agents against Alzheimer's disease. 2021 , 225, 113821	1
520	Fluid biomarkers for Alzheimer's disease in Down syndrome: Current status and novel trends. 2022 , 97-128	
519	The Neuromelanin Paradox and Its Dual Role in Oxidative Stress and Neurodegeneration. 2021 , 10,	8
518	Caffeic acid protects against A β toxicity and prolongs lifespan in models. 2021 , 12, 1219-1231	12
517	A dopamine metabolite stabilizes neurotoxic amyloid- β oligomers. 2021 , 4, 19	6
516	Bioresponsive nanomedicines based on dynamic covalent bonds. 2021 , 13, 11712-11733	1
515	Potential molecular and graphene oxide chelators to dissolve amyloid- β plaques in Alzheimer's disease: a density functional theory study. 2021 , 9, 2736-2746	6
514	Structural alterations in the catalytic core of hSIRT2 enzyme predict therapeutic benefits of derivatives in Alzheimer's disease: molecular dynamics simulation study.. 2021 , 11, 8003-8018	2
513	Effect of ϵ allele on levels of apolipoproteins E, J, and D, and redox signature in circulating extracellular vesicles from cognitively impaired with no dementia participants converted to Alzheimer's disease. 2021 , 13, e12231	
512	Poisonous Mushroom (Nonedible) as an Antioxidant Source. 2020 , 1-25	1
511	Iron Pathophysiology in Alzheimer's Diseases. 2019 , 1173, 67-104	22
510	Neurobiological Mechanisms Involved in the Pathogenesis of Alzheimer's Disease. 2019 , 235-269	2
509	Oxidative Stress in Alzheimer's Disease: Molecular Hallmarks of Underlying Vulnerability. 2019 , 91-115	19

508	Effects of Peroxiredoxin 2 in Neurological Disorders: A Review of its Molecular Mechanisms. 2020 , 45, 720-730	8
507	The hazardous effects of the environmental toxic gases on amyloid beta-peptide aggregation: A theoretical perspective. 2020 , 263, 106394	12
506	UPLC-Orbitrap HRMS metabolic profiling of <i>Cymbopogon citratus</i> cultivated in Egypt; neuroprotective effect against A β Cl-induced neurotoxicity in rats. 2020 , 259, 112930	6
505	Neuroinflammation in pathogenesis of Alzheimer's disease: Phytochemicals as potential therapeutics. 2020 , 189, 111259	16
504	Cross-talk between redox signalling and protein aggregation. 2020 , 48, 379-397	11
503	Melatonin receptor protects cardiomyocyte against oxidative stress-induced apoptosis through the MAPK-ERK signaling pathway. 2020 , 40, 117-125	6
502	Polysaccharide of var. Cheng et L.K.Fu attenuates neurotoxicity and cognitive dysfunction in mice with Alzheimer's disease. 2020 , 58, 959-968	3
501	The aroylhydrazone INHHQ prevents memory impairment induced by Alzheimer's-linked amyloid- β oligomers in mice. 2020 , 31, 738-747	5
500	A β initiates brain hypometabolism and network dysfunction via NOX2 activation: a potential onset mechanism of Alzheimer's disease.	4
499	Protective effects of Huang-Lian-Jie-Du-Tang against A-induced memory deficits and oxidative stress in rats. 2020 , 48, 300060519893859	4
498	Relationship between β amyloid protein 1-42, thyroid hormone levels and the risk of cognitive impairment after ischemic stroke. 2020 , 8, 76-87	5
497	Sulfonated (1- β)-D-Glucan (Lasiodiplodan): Preparation, Characterization and Bioactive Properties. 2019 , 57, 490-502	5
496	Synergistic effects of quercetin and regular exercise on the recovery of spatial memory and reduction of parameters of oxidative stress in animal model of Alzheimer's disease. 2020 , 19, 596-612	7
495	Origin and pathophysiology of protein carbonylation, nitration and chlorination in age-related brain diseases and aging. 2018 , 10, 868-901	31
494	Irisin activates Opa1-induced mitophagy to protect cardiomyocytes against apoptosis following myocardial infarction. 2020 , 12, 4474-4488	34
493	Nrf2 deficiency aggravates PM-induced cardiomyopathy by enhancing oxidative stress, fibrosis and inflammation via RIPK3-regulated mitochondrial disorder. 2020 , 12, 4836-4865	13
492	β Amyloid and Oxidative Stress: Perspectives in Drug Development. 2019 , 25, 4771-4781	19
491	Blood-based Biomarkers of Alzheimer's Disease: The Long and Winding Road. 2020 , 26, 1300-1315	7

490	A Systematic Review of Current Progresses in the Nucleic Acid-Based Therapies for Neurodegeneration with Implications for Alzheimer's Disease. 2020 , 20, 1499-1517	8
489	Anti-Alzheimer's Materials Isolated from Marine Bio-resources: A Review. 2019 , 16, 895-906	10
488	Targeting Pathological Amyloid Aggregates with Conformation-Sensitive Antibodies. 2020 , 17, 722-734	5
487	The Ambiguous Role of Microglia in AD Toxicity: Chances for Therapeutic Intervention. 2020 , 18, 446-455	6
486	Recent Advancements in Pathogenesis, Diagnostics and Treatment of Alzheimer's Disease. 2020 , 18, 1106-1125	27
485	for Alzheimer's Disease and Vascular Dementia: A Literature Review. 2020 , 18, 358-368	5
484	The MMP-2/TIMP-2 System in Alzheimer Disease. 2020 , 19, 402-416	4
483	Recent Updates in the Alzheimer's Disease Etiopathology and Possible Treatment Approaches: A Narrative Review of Current Clinical Trials. 2020 , 13, 273-294	8
482	Anti-cholinesterase and Neuroprotective Activities of Sweet and Bitter Apricot Kernels (L.). 2020 , 19, 216-224	3
481	Chronic consumption of cassava juice induces cellular stress in rat substantia nigra. 2020 , 23, 93-101	0
480	Cerasus microcarpa and Amygdalus scoparia Methanolic Extract Protect Cultured Cerebellar Granule Neurons Against βamyloid-induced Toxicity and Oxidative Stress. 2020 , 28, 23-32	3
479	Memory-Enhancing Effects of Essential Oil in an Alzheimer's Amyloid beta1-42 Rat Model: A Molecular and Behavioral Study. 2020 , 9,	5
478	Oxidatively Modified Proteins: Cause and Control of Diseases. 2020 , 10, 6419	6
477	Pursuing the Complexity of Alzheimer's Disease: Discovery of Fluoren-9-Amines as Selective Butyrylcholinesterase Inhibitors and -Methyl-d-Aspartate Receptor Antagonists. 2020 , 11,	3
476	Expression of Genes Involved in Axon Guidance: How Much Have We Learned?. 2020 , 21,	5
475	Alzheimer's Disease: An Overview of Major Hypotheses and Therapeutic Options in Nanotechnology. 2020 , 11,	5
474	Neuroprotective effects of ZL006 in Aβ-treated neuronal cells. 2020 , 15, 2296-2305	4
473	Simultaneous exposure to noise and carbon monoxide increases the risk of Alzheimer's disease: a literature review. 2020 , 10, 85-90	2

472	Alzheimer's Disease and Its Potential Alternative Therapeutics. 2019 , 9,	6
471	Mitochondrial dysfunction and Alzheimer's disease: prospects for therapeutic intervention. 2020 , 53, 47-55	8
470	Icariin protects against sodium azide-induced neurotoxicity by activating the PI3K/Akt/GSK-3 β signaling pathway. 2020 , 8, e8955	5
469	Twisted intramolecular charge transfer (TICT) and twists beyond TICT: from mechanisms to rational designs of bright and sensitive fluorophores. 2021 , 50, 12656-12678	28
468	Safflower leaf ameliorates cognitive impairment through moderating excessive astrocyte activation in APP/PS1 mice. 2021 , 12, 11704-11716	1
467	Quantitative description of publications (1986-2020) related to Alzheimer disease and oxidative stress: A bibliometric study. 2021 , 13, 971-984	0
466	Specific Activation of the CD271 Intracellular Domain in Combination with Chemotherapy or Targeted Therapy Inhibits Melanoma Progression. 2021 , 81, 6044-6057	3
465	Parkinson's Disease Dementia: Synergistic Effects of Alpha-Synuclein, Tau, Beta-Amyloid, and Iron. 2021 , 13, 743754	3
464	Extracellular-Signal-Regulated Kinase Inhibition Switches APP Processing from β to β Secretase under Oxidative Stress: Modulation of ADAM10 by SIRT1/NF- κ B Signaling. 2021 , 12, 4175-4186	2
463	Multifunctional Metal-Organic Framework as a Versatile NanoplatforM for A β Oligomer Imaging and Chemo-Photothermal Treatment in Living Cells. 2021 , 93, 13823-13834	3
462	The Potential Role of Cytokines and Growth Factors in the Pathogenesis of Alzheimer's Disease. 2021 , 10,	2
461	A β Induced Platelet Adhesion Is Ameliorated by Rosmarinic Acid through Inhibition of NADPH Oxidase/PKC- ζ /Integrin β 3 Signaling. 2021 , 10,	1
460	Association of Gene Polymorphisms in APOE and BIN1 With Dementia of Alzheimer's Type Susceptibility in Chinese Han Population. 2021 , 12, 753909	0
459	Engineering amyloid and amyloid-like morphologies of β lactoglobulin. 2022 , 124, 107301	0
458	The Neuroprotective Role of Polydatin: Neuropharmacological Mechanisms, Molecular Targets, Therapeutic Potentials, and Clinical Perspective. 2021 , 26,	7
457	Neuroprotective Potential and Lipidomics Study of Olive Leaves Extracts Enriched in Triterpenoids. 2021 , 8, 769218	6
456	Salpyran: A Cu(II) Selective Chelator with Therapeutic Potential. 2021 , 60, 15310-15320	
455	Anti-Oxidative, Anti-Inflammatory and Anti-Apoptotic Effects of Flavonols: Targeting Nrf2, NF- κ B and p53 Pathways in Neurodegeneration. 2021 , 10,	9

- 454 Mechanistic Insight into the Design of Chemical Tools to Control Multiple Pathogenic Features in Alzheimer's Disease. **2021**, 54, 3930-3940 4
- 453 MicroRNAs as Potential Orchestrators of Alzheimer's Disease-Related Pathologies: Insights on Current Status and Future Possibilities. **2021**, 13, 743573 3
- 452 Structural characterization of polysaccharide purified from *Hericium erinaceus* fermented mycelium and its pharmacological basis for application in Alzheimer's disease: Oxidative stress related calcium homeostasis. **2021**, 193, 358-369 1
- 451 Nanomaterials for neurodegenerative diseases: Molecular mechanisms guided design and applications. 1 1
- 450 Implications of Phosphoinositide 3-Kinase-Akt (PI3K-Akt) Pathway in the Pathogenesis of Alzheimer's Disease. **2021**, 1 9
- 449 The potential role of (black pepper) in managing geriatric brain aging: a review. **2021**, 1-11 0
- 448 Characterization and purification of β -secretase inhibitory peptides fraction from sea cucumber (*Holothuria spinifera*) enzymatic hydrolysates. **2021**, 111, 86-96 2
- 447 Crystal structure of -poly[[[di-chlorido-copper(II)]- μ -butyl-methyl--[4-(6-[4-(pyridin-2-yl)-1,2,3-triazol-1-yl]-meth-yl)-1,3-benzo-thia-zol-2-yl]phen-yl]carbamatol] aceto-nitrile monosolvate]. **2018**, 74, 158-162
- 446 Increased green autofluorescence is a marker for non-invasive prediction of H₂O₂-induced cell death and decreases in the intracellular ATP of HaCaT cells. 0
- 445 Hypoglycemia, Hyperglycemia and Astaxanthin: An *in Vitro* Alzheimer's Disease Model. **2019**, 08, 27-38 1
- 444 Encyclopedia of Gerontology and Population Aging. **2019**, 1-9 0
- 443 Copper Blocks V-ATPase Activity and SNARE Complex Formation to Inhibit Yeast Vacuole Fusion. 0
- 442 Telomere length and oxidative stress variations in a murine model of Alzheimer's disease progression.
- 441 Cholinergic-like neurons carrying PSEN1 E280A mutation from familial Alzheimer's disease reveal intraneuronal A β 2 peptide accumulation, hyperphosphorylation of TAU, oxidative stress, apoptosis and Ca²⁺ flux dysregulation: Therapeutic Implications.
- 440 Comparison of in vitro antioxidative activities of crude methanolic extracts of three species of *Passiflora* from greenhouse using DPPH, ABTS and FRAP methods. **2019**, 65, 10-21 1
- 439 Effect of high-frequency low-intensity pulsed electric field on protecting SH-SY5Y cells against hydrogen peroxide and β -amyloid-induced cell injury via ERK pathway.
- 438 Ameliorative Effect of Aster scaber Thunberg and *Chaenoleles sinensis* Koehne Complex Extracts Against Oxidative Stress-induced Memory Dysfunction in PC12 Cells and ICR Mice. **2019**, 27, 365-375 1
- 437 Functionalized Mesoporous Silicas Direct Structural Polymorphism of Amyloid-Fibrils.

- 436 Interlink Between Insulin Resistance and Neurodegeneration with an Update on Current Therapeutic Approaches. **2020**, 19, 174-183 2
- 435 Arginine and Arginine-Rich Peptides as Modulators of Protein Aggregation and Cytotoxicity Associated With Alzheimer's Disease. **2021**, 14, 759729 3
- 434 Mechanisms Involved in Microglial-Interceded Alzheimer's Disease and Nanocarrier-Based Treatment Approaches. **2021**, 11, 2
- 433 Poisonous Mushroom (Nonedible) as an Antioxidant Source. **2021**, 1-25
- 432 Concurrent exercise does not prevent recognition memory deficits induced by beta-amyloid in rats. **2022**, 243, 113631
- 431 Chemical profile and biological activity of *Crinum americanum* L. (Amaryllidaceae). **2022**, 146, 25-35 1
- 430 The Role of A β in the Development of Alzheimer's Disease and its Mechanisms. **2020**, 218, 03041
- 429 Dementia: Alzheimer's Disease. **2021**, 397-457
- 428 On the propagation of the OH radical produced by Cu-amyloid beta peptide model complexes. Insight from molecular modelling. **2020**, 12, 1765-1780 2
- 427 Role of cellular oxidative stress in dementia. **2020**, 147-161
- 426 Cerebral ischemia-reperfusion is modulated by macrophage-stimulating 1 through the MAPK-ERK signaling pathway. **2020**, 235, 7067-7080 3
- 425 Systematic Exploration in Tissue-Pathway Associations of Complex Traits Using Comprehensive eQTLs Catalog. **2021**, 4, 719737 0
- 424 Multifunctional fluorescence sensor as a potential theranostic agent against Alzheimer's disease. **2021**, 267, 120587 2
- 423 Dual-Channel Imaging of Amyloid- β Plaques and Peroxynitrite To Illuminate Their Correlations in Alzheimer's Disease Using a Unimolecular Two-Photon Fluorescent Probe. **2021**, 93, 15088-15095 5
- 422 Age-dependent changes of neural functions under glucose metabolism disorders. **2020**, 3-14
- 421 In natura tropical juices inhibit the in vitro carbonylation of bovine serum albumin. **2020**, 75, 247-257 0
- 420 Impact of Cannabis-Based Medicine on Alzheimer's Disease by Focusing on the Amyloid β Modifications: A Systematic Study. **2020**, 19, 334-343 2
- 419 Effect of fish oil on oxidative stress markers in patients with probable Alzheimer's disease. **2020**, 70, 123-133 0

418	CYP1B1 deficiency ameliorates learning and memory deficits caused by high fat diet in mice. 2019 , 11, 2194-2206	4
417	Alzheimer's Pathogenesis, Metal-Mediated Redox Stress, and Potential Nanotheranostics. 2019 , 7, 547-558	
416	Alzheimer's disease treatment: The share of herbal medicines. 2021 , 24, 123-135	2
415	Neuroprotective Effects of Isoquercetin: An and Study. 2021 , 23, 355-365	
414	Deregulated mitochondrial microRNAs in Alzheimer's disease: Focus on synapse and mitochondria. 2021 , 73, 101529	5
413	Identification of Polyphenolics from as Potential Inhibitors of Cholinesterase and Oxidative Stress for Alzheimer's Disease Treatment. 2021 , 2021, 9154406	0
412	Lipoic Acid Has the Potential to Normalize Copper Metabolism, Which Is Dysregulated in Alzheimer's Disease. 2021 ,	2
411	Flavonoid-Rich Extract of Petals Alleviate d-Galactose-Induced Oxidative Stress and Restore Gut Microbiota in ICR Mice.. 2021 , 10,	2
410	The molecular mechanisms of signal pathway activating effect of E2F-1/NF-B/GSK-3β on cognitive dysfunction of Alzheimer rats. 2021 , 12, 10000-10008	0
409	Cromolyn platform suppresses fibrosis and inflammation, promotes microglial phagocytosis and neurite outgrowth. 2021 , 11, 22161	0
408	Fluorescence-based detection of ferrous iron in senescent cells. 2021 ,	1
407	Role of Oxygen Radicals in Alzheimer's Disease: Focus on Tau Protein. 2021 , 1, 96-120	0
406	The Protective Effect of Ubiquinone against the Amyloid Peptide in Endothelial Cells Is Isoprenoid Chain Length-Dependent. 2021 , 10,	2
405	Iron Homeostasis Disorder and Alzheimer's Disease. 2021 , 22,	8
404	D-Amino Acids and D-Amino Acid-Containing Peptides: Potential Disease Biomarkers and Therapeutic Targets?. 2021 , 11,	3
403	Activation of α Nicotinic Acetylcholine Receptor by its Selective Agonist Improved Learning and Memory of Amyloid Precursor Protein/Presenilin 1 (APP/PS1) Mice via the Nrf2/HO-1 Pathway.. 2022 , 28, e933978	0
402	Role of Receptors in Relation to Plaques and Tangles in Alzheimer's Disease Pathology. 2021 , 22,	2
401	Tβ ameliorates oxidative damage and apoptosis through ERK/MAPK and 5-HT1A signaling pathway in Aβ-insulted SH-SY5Y cells. 2021 , 120178	0

400	Dimethyl Fumarate is a Potential Therapeutic Option for Alzheimer's Disease. 2021 ,	2
399	In vitro coordination of Fe-protoheme with amyloid β s non-specific and exhibits multiple equilibria.. 2021 , 227, 111664	
398	Redox Homeostasis in Alzheimer's Disease. 2022 , 323-348	1
397	Posttranscriptional Regulation of Nrf2 Through miRNAs and their Role in Alzheimer's Disease. 2021 , 175, 106018	2
396	The potential roles of excitatory-inhibitory imbalances and the repressor element-1 silencing transcription factor in aging and aging-associated diseases. 2021 , 117, 103683	1
395	Lycopene ameliorates atrazine-induced pyroptosis in spleen by suppressing the Ox-mtDNA/Nlrp3 inflammasome pathway.. 2022 ,	7
394	Association between serum urate and CSF markers of Alzheimer's disease pathology in a population-based sample of 70-year-olds.. 2021 , 13, e12241	0
393	Oxidation Damage Accumulation Aging Theory (The Novel Role of Glutathione). 2021 , 3676-3684	
392	Safinamide protects against amyloid β -induced oxidative stress and cellular senescence in M17 neuronal cells.. 2022 , 13, 1921-1930	0
391	Pathophysiology and Clinical Features of Neuropsychiatric Manifestations of Thyroid Disease.. 2022 , 6, bvab194	2
390	Combating amyloid-induced cellular toxicity and stiffness by designer peptidomimetics.. 2022 , 3, 220-226	0
389	Paeoniflorin is a promising natural monomer for neurodegenerative diseases via modulation of Ca and ROS homeostasis.. 2021 , 62, 97-102	0
388	The role of intra and inter-molecular disulfide bonds in modulating amyloidogenesis: A review.. 2021 , 716, 109113	0
387	Impacts of oxidants and antioxidants on the emergence and progression of Alzheimer's disease.. 2021 , 105268	2
386	Cognitive enhancement and neuroprotective effects of OABL, a sesquiterpene lactone in 5xFAD Alzheimer's disease mice model.. <i>Redox Biology</i> , 2022 , 50, 102229	113 3
385	The Applications of Focused Ultrasound (FUS) in Alzheimer's Disease Treatment: A Systematic Review on Both Animal and Human Studies. 2021 , 12, 1977-2002	6
384	Do glutathione and copper interact to modify Alzheimer's disease pathogenesis?. 2022 ,	1
383	Bee Venom Activates the Nrf2/HO-1 and TrkB/CREB/BDNF Pathways in Neuronal Cell Responses against Oxidative Stress Induced by A β 2022 , 23,	4

382	Semax, a Synthetic Regulatory Peptide, Affects Copper-Induced Abeta Aggregation and Amyloid Formation in Artificial Membrane Models.. 2022,	1
381	The risk of dementia in adults with abdominal aortic aneurysm.. 2022, 12, 1228	1
380	Nacre extract from pearl oyster attenuates amyloid beta-induced memory impairment.. 2022, 76, 419	0
379	Insamgobonhwan Protects Neuronal Cells from Lipid ROS and Improves Deficient Cognitive Function.. 2022, 11,	0
378	Relationship between Cognitive Dysfunction and Age-Related Variability in Oxidative Markers in Isolated Mitochondria of Alzheimer's Disease Transgenic Mouse Brains.. 2022, 10,	0
377	The Study of Steaming Durations and Temperatures on the Chemical Characterization, Neuroprotective, and Antioxidant Activities of .. 2022, 2022, 3698518	0
376	Improved synthesis of an ergothioneine PET radioligand for imaging oxidative stress in Alzheimer's disease.. 2022,	2
375	The Cause of Alzheimer's Disease: The Theory of Multipathology Convergence to Chronic Neuronal Stress.. 2022, 13, 37-60	2
374	3,6'-disinapoyl sucrose attenuates A β induced neurotoxicity in Caenorhabditis elegans by enhancing antioxidation and regulating autophagy.. 2022,	1
373	Antioxidants in Alzheimer's Disease: Current Therapeutic Significance and Future Prospects.. 2022, 11,	3
372	The circRNA and Role in Alzheimer's Disease: From Regulation to Therapeutic and Diagnostic Targets.	
371	Alzheimer Disease: Recent Updates on Apolipoprotein E and Gut Microbiome Mediation of Oxidative Stress, and Prospective Interventional Agents.. 2022, 13, 87-102	3
370	Fisetin as a Senotherapeutic Agent: Biopharmaceutical Properties and Crosstalk between Cell Senescence and Neuroprotection.. 2022, 27,	0
369	Naturally Occurring Antioxidant Therapy in Alzheimer's Disease.. 2022, 11,	4
368	Avicularin Attenuates Memory Impairment in Rats with Amyloid Beta-Induced Alzheimer's Disease.. 2022, 40, 140-153	1
367	Challenges and hopes for Alzheimer's disease.. 2022,	9
366	Passion fruit seed extract protects beta-amyloid-induced neuronal cell death in a differentiated human neuroblastoma SH-SY5Y cell model.. 2022, 10, 1461-1468	0
365	Activation of GPR55 attenuates cognitive impairment, oxidative stress, neuroinflammation, and synaptic dysfunction in a streptozotocin-induced Alzheimer's mouse model.. 2022, 214, 173340	1

364	Development of naringenin-O-carbamate derivatives as multi-target-directed ligands for the treatment of Alzheimer's disease.. 2022 , 60, 128574	1
363	GPR75: An exciting new target in metabolic syndrome and related disorders.. 2022 ,	2
362	An integrative analysis of miRNA and mRNA expression in the brains of Alzheimer's disease transgenic mice after real-world PM2.5 exposure. 2022 , 122, 25-40	0
361	PI3K/AKT/Nrf2 signalling pathway is involved in the ameliorative effects of xanthohumol on amyloid β induced oxidative damage and bone loss.. 2022 ,	0
360	Phage display derived peptides for Alzheimer's disease therapy and diagnosis.. 2022 , 12, 2041-2062	3
359	MicroRNA-4722-5p and microRNA-615-3p serve as potential biomarkers for Alzheimer's disease.. 2022 , 23, 241	3
358	Association of Alzheimer's Disease with Genetic Variants of Apolipoprotein E, Clusterin, TNF- α and IL-6 Among Elderly Saudis.. 2022 ,	2
357	Therapeutic Potential and Molecular Mechanisms of Echinacoside in Neurodegenerative Diseases.. 2022 , 13, 841110	1
356	Natural isoquinoline alkaloids: Pharmacological features and multi-target potential for complex diseases.. 2022 , 106126	3
355	Effects of transcranial magnetic stimulation on neurobiological changes in Alzheimer's disease (Review).. 2022 , 25,	1
354	Diabetes: Risk Factor and Translational Therapeutic Implications for Alzheimer's Disease.. 2022 ,	0
353	Discovery of novel 3-butyl-6-benzyloxypthalide Mannich base derivatives as multifunctional agents against Alzheimer's disease.. 2022 , 58, 116660	0
352	Photolabile curcumin with physically and molecularly produced light for attenuating of neurotoxicity of amyloid beta species.	
351	Antioxidant Activity of Fluoxetine and Vortioxetine in a Non-Transgenic Animal Model of Alzheimer's Disease.. 2021 , 12, 809541	4
350	A two-photon ratiometric fluorescent probe for real-time imaging and quantification of NO in neural stem cells during activation regulation.. 2022 , 13, 4303-4312	0
349	Introduction to serial reviews: Copper biology in health and disease. 2022 ,	
348	Challenges of repurposing tetracyclines for the treatment of Alzheimer's and Parkinson's disease.. 2022 , 1	2
347	New Perspectives for Treatment in Alzheimer's Disease. 2022 , 199-225	

- 346 Phytochemicals as Micronutrients: What Is their Therapeutic Promise in the Management of Alzheimer's Disease?. **2022**, 277-308
- 345 Toxicities of amyloid-beta and tau protein are reciprocally enhanced in the model.. **2022**, 17, 2286-2292 1
- 344 Protective effects of against cognitive impairment by regulating oxidative stress in an amyloid beta-induced Alzheimer's disease mouse model.. **2022**, 16, 173-193
- 343 Neuroprotective effect of alpha-pinene is mediated by suppression of the TNF- α /NF- κ B pathway in Alzheimer's disease rat model.. **2022**, e23006 2
- 342 Higher buccal mitochondrial DNA and mitochondrial common deletion number are associated with markers of neurodegeneration and inflammation in cerebrospinal fluid.. **2022**, 1 0
- 341 Development of naringenin-alkylamine derivatives as multifunctional agents for the treatment of Alzheimer's disease.. **2022**, 37, 792-816 0
- 340 Smart polymers as molecular imprinted polymers for recognition of target molecules. 1-24 0
- 339 Diabetes Mellitus: A Path to Amnesia, Personality, and Behavior Change.. **2022**, 11, 1
- 338 Chlamydia pneumoniae can infect the central nervous system via the olfactory and trigeminal nerves and contributes to Alzheimer's disease risk.. **2022**, 12, 2759 3
- 337 Ratiometric Imaging of Mitochondrial Hydrogen Peroxide in A β -Mediated Neurotoxicity.. **2022**, 0
- 336 AmazonForest: In Silico Metaprediction of Pathogenic Variants.. **2022**, 11,
- 335 Deciphering therapeutic options for neurodegenerative diseases: insights from SIRT1.. **2022**, 100, 537 0
- 334 Association of Blood Amyloid Beta-Protein 1-42 with Poststroke Cognitive Impairment: A Systematic Review and Meta-Analysis.. **2022**, 2022, 6552781
- 333 Challenges and approaches of drugs such as Memantine, Donepezil, Rivastigmine and Aducanumab in the treatment, control and management of Alzheimer's disease.. **2022**, 1
- 332 Regulatory miRNAs in Cardiovascular and Alzheimer's Disease: A Focus on Copper.. **2022**, 23, 1
- 331 Cannabidiol protects against Alzheimer's disease in *C. elegans* via ROS scavenging activity of its phenolic hydroxyl groups.. **2022**, 919, 174829 6
- 330 Resveratrol-Based MTDLs to Stimulate Defensive and Regenerative Pathways and Block Early Events in Neurodegenerative Cascades.. **2022**, 0
- 329 Cyanidin-3-O-glucoside, cyanidin, and oxidation products of cyanidin protect neuronal function through alleviating inflammation and oxidative damage.. **2022**, 1

- 328 Multiadducts of C60 Modulate Amyloid- β Fibrillation with Dual Acetylcholinesterase Inhibition and Antioxidant Properties: In Vitro and In Silico Studies.. **2022**, 0
- 327 TAZ ameliorates the microglia-mediated inflammatory response via the Nrf2-ROS-NF- κ B pathway.. **2022**, 28, 435-449 0
- 326 Membrane-Free Stem Cells and Pyridoxal 5'-Phosphate Synergistically Enhance Cognitive Function in Alzheimer's Disease Mouse Model.. **2022**, 11, 1
- 325 A Pyridyl Zn (II) Chelate for the Sensitive Detection of A β Fibrils. 1
- 324 Iron Dyshomeostasis and Ferroptosis: A New Alzheimer's Disease Hypothesis?. **2022**, 14, 830569 3
- 323 Neuroprotective and therapeutic effects of Tocovid and Twendee-X on A β oligomers-induced damage in the SH-SY5Y cell line.. **2022**, 2
- 322 Chronic oral exposure of aluminum chloride in rat modulates molecular and functional neurotoxic markers relevant to Alzheimer's disease.. **2022**, 1-14 0
- 321 [18 F]ROTrace detects oxidative stress in vivo and predicts progression of Alzheimer's disease pathology in APP/PS1 mice.. 0
- 320 ER-Mitochondria contacts modulate ROS-mediated signaling and oxidative stress in brain disorders: the key role of Sigma-1 receptor.. **2022**, 0
- 319 Anti-amyloid β toxicity effect of genistein via activation of DAF-16 and HSP-16.2 signal pathways in *Caenorhabditis elegans*.. **2022**, e23055 0
- 318 The eye lens as an aging paradigm par excellence.. **2022**, 109003 0
- 317 The war against Alzheimer, the mitochondrion strikes back!. **2022**, 1
- 316 Oxidative stress: The core pathogenesis and mechanism of Alzheimer's disease.. **2022**, 77, 101619 9
- 315 Ginsenoside Rf inhibits human tau proteotoxicity and causes specific lncRNA, miRNA and mRNA expression changes in *Caenorhabditis elegans* model of tauopathy.. **2022**, 922, 174887 0
- 314 Design, synthesis and in vitro biological activities of coumarin linked 1,3,4-oxadiazole hybrids as potential multi-target directed anti-Alzheimer agents. **2022**, 34, 101977 1
- 313 Acetylcholinesterase inhibition and antioxidant activity properties of *Petiveria alliacea* L.. **2022**, 115239 0
- 312 VEGF and its role in the treatment of Diabetes and Alzheimer's Disease. **2021**, 0
- 311 The Impact of Medium Chain and Polyunsaturated ω -3 Fatty Acids on Amyloid- β Deposition, Oxidative Stress and Metabolic Dysfunction Associated with Alzheimer's Disease.. **2021**, 10, 4

310	Single-cell RNA sequencing reveals B cell-related molecular biomarkers for Alzheimer's disease. 2021,	1
309	Design, synthesis, and evaluation of chalcone-Vitamin E-donepezil hybrids as multi-target-directed ligands for the treatment of Alzheimer's disease.. 2022, 37, 69-85	4
308	Therapeutic Potential of Ferulic Acid in Alzheimer's Disease.. 2021,	2
307	Neuronal ROS-induced glial lipid droplet formation is altered by loss of Alzheimer's disease-associated genes.. 2021, 118,	8
306	Probiotics for Alzheimer's Disease: A Systematic Review.. 2021, 14,	8
305	Alzheimer: A Complex Genetic Background.	
304	Hybrid Bis-Histidine Phenanthroline-Based Ligands to Lessen A β Bound Cu ROS Production: An Illustration of Cu(I) Significance.. 2021, 26,	0
303	A Review on the Correlation between the Pathology of Alzheimer's Disease and microRNA. 2021, 27, 208-215	
302	Mesenchymal stem cells after the preprocessing of tanshinone IIA attenuate cognitive deficits and oxidative stress injury in an amyloid β peptide (25-35)-induced rodent model of Alzheimer's disease.. 2021, 33,	
301	Complement System in Alzheimer's Disease.. 2021, 22,	3
300	Neuroglial Senescence, β Synucleinopathy, and the Therapeutic Potential of Senolytics in Parkinson's Disease.. 2022, 16, 824191	1
299	Dual-Functional Antioxidant and Antiamyloid Cerium Oxide Nanoparticles Fabricated by Controlled Synthesis in Water-Alcohol Solutions. 2022, 10, 942	1
298	Phytochemical compounds loaded to nanocarriers as potential therapeutic substances for Alzheimer's Disease-Could they be effective?. 2022,	
297	Recent Advances in the Treatment of Alzheimer's Disease Using Nanoparticle-Based Drug Delivery Systems.. 2022, 14,	5
296	Bioactive Compounds and Their Derivatives: An Insight into Prospective Phytotherapeutic Approach against Alzheimer's Disease.. 2022, 2022, 5100904	14
295	Multiple Roles of Paeoniflorin in Alzheimer's Disease.. 2022, 2022, 2464163	0
294	Ameliorative effect of ethanol extract of Eragrostis tremula Hochst. ex Steud. against diazepam-induced amnesia in mice. 2022, 46,	
293	Alzheimer's disease diagnosis based on detection of autoantibodies against A β using A β 0 peptide in liposomes.. 2022, 531, 223-229	0

292	Table_1.DOCX. 2019,	
291	Data_Sheet_1.pdf. 2018,	
290	Table_1.XLSX. 2020,	
289	Table_1.DOCX. 2018,	
288	Table_2.DOCX. 2018,	
287	Table_3.DOCX. 2018,	
286	Table_4.pdf. 2018,	
285	Image_1.tif. 2019,	
284	Genistein: A focus on several neurodegenerative diseases.. 2022, e14155	1
283	Two-photon fluorescence imaging of the cerebral peroxynitrite stress in Alzheimer's disease.. 2022,	3
282	Multifunctional molecules with a bipyridyl core ameliorate multifaceted amyloid toxicity.. 2022,	0
281	How Very Smallchanges in the Peptide Sequence of β Amyloids Influence Their Redox Properties. Electrochemical Studies of A β (1-16) and pA β (1-16).	
280	Post-translational Modifications of the p53 Protein and the Impact in Alzheimer's Disease: A Review of the Literature.. 2022, 14, 835288	2
279	Neuroprotective Activity of a Novel Synthetic Rhodamine-Based Hydrazone against Cu-Induced Alzheimer's Disease in .. 2022,	1
278	Neuroprotective Potential of (Combretaceae) Leaf Hydroethanolic Extract against Cholinergic System Dysfunctions and Oxidative Stress in Scopolamine-Induced Cognitive Impairment in Zebrafish ().. 2022, 11,	0
277	Molecular Biomarkers and Their Implications for the Early Diagnosis of Selected Neurodegenerative Diseases.. 2022, 23,	1
276	Correlation of Ferroptosis and Other Types of Cell Death in Neurodegenerative Diseases.. 2022, 1	1
275	Good bacteria, oxidative stress and neurological disorders: Possible therapeutical considerations.. 2022, 120605	1

274	Differential neuroprotective effect of curcuminoid formulations in aluminum chloride-induced Alzheimer's disease.. 2022 , 1	
273	Exploring the Therapeutic Potential of Phytochemicals in Alzheimer's Disease: Focus on Polyphenols and Monoterpenes. 2022 , 13,	1
272	Magnetolectric dissociation of Alzheimer's Amyloid aggregates.. 2022 , 8, eabn1675	1
271	Do Sleep Disturbances have a Dual Effect on Alzheimer's Disease?. 2022 ,	0
270	Superoxide reduction by Cu-Amyloid Beta peptide complexes. A Density Functional Theory study..	2
269	Alzheimer's disease associated AKAP9 I2558M mutation alters posttranslational modification and interactome of tau and cellular functions in CRISPR-edited human neuronal cells.. 2022 , e13617	0
268	Are micronutrients levels and supplements causally associated with the risk of Alzheimer's disease? A two-sample Mendelian randomization analysis.	1
267	The amyloid precursor protein: a converging point in Alzheimer's disease.. 2022 ,	1
266	Poisonous Mushroom (Nonedible) as an Antioxidant Source. 2022 , 205-229	
265	Carbon Nanoparticles as Promising Neuroprotectors: Pro et Contra. I. Functionalization and Toxicity. 2022 , 17, 132-140	0
264	An Overview of Oxidative Stress, Neuroinflammation and Neurodegenerative Diseases. 2022 , 23, 5938	6
263	Z-scan optical method complements the Thioflavin T assay for investigation of anti-Alzheimer's impact of polyphenols. 2022 , 102914	0
262	Cerebral Iron Deposition in Neurodegeneration. 2022 , 12, 714	3
261	Systemic Inflammation Predicts Alzheimer Pathology in Community Samples without Dementia. 2022 , 10, 1240	0
260	Artesunate restores mitochondrial fusion-fission dynamics and alleviates neuronal injury in Alzheimer's disease models.	2
259	Rlip76: An Unexplored Player in Neurodegeneration and Alzheimer's Disease?. 2022 , 23, 6098	2
258	Biological Potential, Gastrointestinal Digestion, Absorption, and Bioavailability of Algae-Derived Compounds with Neuroprotective Activity: A Comprehensive Review. 2022 , 20, 362	0
257	GSH-AuNP anti-oxidative stress, ER stress and mitochondrial dysfunction in amyloid-beta peptide-treated human neural stem cells. 2022 ,	0

256	Nattokinase attenuates bisphenol A or gamma irradiation-mediated hepatic and neural toxicity by activation of Nrf2 and suppression of inflammatory mediators in rats.		2
255	High frequency repetitive transcranial magnetic stimulation alleviates cognitive deficits in 3xTg-AD mice by modulating the PI3K/Akt/GLT-1 Axis. <i>Redox Biology</i> , 2022 , 54, 102354	11.3	1
254	Necroptosis in Alzheimer's disease: Potential therapeutic target. 2022 , 152, 113203		0
253	Antioxidant and Copper Chelating Power of New Molecules Proposed as Combined Multiple Targets Agent Against Alzheimer's Disease. A Theoretical Insights.		0
252	A multi-target theranostic nano-composite against Alzheimer's disease fabricated by conjugating carbon dots and triple-functionalized human serum albumin. 2022 ,		1
251	Nanomaterials alleviating redox stress in neurological diseases: mechanisms and applications. 2022 , 20,		0
250	Longitudinal evaluation of neuroinflammation and oxidative stress in a mouse model of Alzheimer disease using positron emission tomography. 2022 , 14,		1
249	Chronic Vitamin D3 Supplementation Alleviates Cognition Impairment via Inhibition of Oxidative Stress Regulated by PI3K/AKT/Nrf2 in APP/PS1 Transgenic Mice. 2022 , 136725		1
248	DYRK1A inhibitors and perspectives for the treatment of Alzheimer's disease. 2022 , 29,		2
247	Rational Design of a Theranostic Agent Triggered by Endogenous Nitric Oxide in a Cellular Model of Alzheimer's Disease.		0
246	Association between DNA methylation variability and self-reported exposure to heavy metals. 2022 , 12,		0
245	Chrysin-Loaded Chitosan Nanoparticle-Mediated Neuroprotection in A β 2-Induced Neurodegenerative Conditions in Zebrafish.		0
244	Real-time imaging of mitochondrial redox reveals increased mitochondrial oxidative stress associated with amyloid aggregates in vivo in a mouse model of Alzheimer's disease.		0
243	Network Pharmacology-Based Strategy to Investigate the Pharmacologic Mechanisms of Coptidis Rhizoma for the Treatment of Alzheimer's Disease. 14,		0
242	Phyllostachys nigra Variety Henosis, a Domestic Bamboo Species, Protects PC12 Cells from Oxidative Stress-mediated Cell Injury through Nrf2 Activation.		3
241	Regulation of Oxidative Stress by Long Non-coding RNAs in Central Nervous System Disorders. 15,		
240	Overview of therapeutic targets in management of dementia. 2022 , 152, 113168		0
239	Dioscin alleviates Alzheimer's disease through regulating RAGE/NOX4 mediated oxidative stress and inflammation. 2022 , 152, 113248		0

238	Rational drug design strategies for the development of promising multi-target directed indole hybrids as Anti-Alzheimer agents. 2022 , 127, 105941	2
237	Unraveling the links between neurodegeneration and Epstein-Barr virus-mediated cell cycle dysregulation. 2022 , 3, 100046	
236	Effect of plant extracts against Alzheimer's disease. 2022 , 1-15	
235	8-Hydroxyquinolines: A Promising Pharmacophore Potentially Developed as Disease-Modifying Agents for Neurodegenerative Diseases: A Review. 2022 , 105, 202	
234	Benefits and limitations of nanomedicine treatment of brain cancers and age-dependent neurodegenerative disorders. 2022 ,	0
233	Novel Rivastigmine Derivatives as Promising Multi-Target Compounds for Potential Treatment of Alzheimer's Disease. 2022 , 10, 1510	1
232	Prominent Effects of Berbamine Hydrochloride on Alzheimer's Disease Model Mice. 13,	0
231	NMR-Driven Identification of Cinnamon Bud and Bark Components With Anti-A β Activity. 10,	1
230	Acetylcholinesterase and butyrylcholinesterase inhibitory activities of antioxidant peptides obtained from enzymatic pea protein hydrolysates and their ultrafiltration peptide fractions.	0
229	Targeting Microglia in Alzheimer's Disease: From Molecular Mechanisms to Potential Therapeutic Targets for Small Molecules. 2022 , 27, 4124	1
228	Recent advances in Lewy body dementia: A comprehensive review. 2022 , 101441	0
227	Asafoetida exerts neuroprotective effect on oxidative stress induced apoptosis through PI3K/Akt/GSK3 β /Nrf2/HO-1 pathway. 2022 , 17,	2
226	Neurovascular Coupling in Type 2 Diabetes With Cognitive Decline. A Narrative Review of Neuroimaging Findings and Their Pathophysiological Implications. 13,	1
225	The Influence of Coordination Mode on the Redox Properties of Copper Complexes with A β (1-16) and its Pyroglutamate Counterpart pA β (1-6).	0
224	Fiscalin Derivatives as Potential Neuroprotective Agents. 2022 , 14, 1456	1
223	Reactive Oxygen Species in the Adverse Outcome Pathway Framework: Toward Creation of Harmonized Consensus Key Events. 4,	0
222	The association of serum uric acid with cognitive impairment and ATN biomarkers. 14,	0
221	Silibinin-loaded Nanostructured Lipid Carriers (NLCs) Ameliorated Cognitive Deficits and Oxidative Damages in Aluminum Chloride-induced Neurotoxicity in Male Mice. 2022 , 153260	1

220	Recent development of small-molecule fluorescent probes based on phenothiazine and its derivatives. 2022 , 112528	0
219	Black mulberry (<i>Morus nigra</i>) fruit extract alleviated AD-Like symptoms induced by toxic A β protein in transgenic <i>Caenorhabditis elegans</i> via insulin DAF-16 signaling pathway. 2022 , 111696	1
218	HEBP1 - An early trigger for neuronal cell death and circuit dysfunction in Alzheimer's disease. 2022 , 111696	1
217	Assessment of in vitro anti-inflammatory, antioxidant and antidiabetic activities of <i>Solanum khasianum</i> Clarke.	0
216	Free Radical Chain Reactions and Polyunsaturated Fatty Acids in Brain Lipids.	0
215	Dysfunction of Mitochondria in Alzheimer's Disease: ANT and VDAC Interact with Toxic Proteins and Aid to Determine the Fate of Brain Cells. 2022 , 23, 7722	1
214	Stress level of glucocorticoid exacerbates neuronal damage and A β production through activating NLRP1 inflammasome in primary cultured hippocampal neurons of APP-PS1 mice. 2022 , 110, 108972	1
213	Tartary buckwheat (<i>Fagopyrum tataricum</i> (L.) Gaertn) protein-derived antioxidant peptides: mechanisms of action and structure-activity relationship in Caco-2 cell models. 2022 , 11, 1580-1590	1
212	Chronic-Antibiotics Induced Gut Microbiota Dysbiosis Rescues Memory Impairment and Reduces A β Amyloid Aggregation in a Preclinical Alzheimer's Disease Model. 2022 , 23, 8209	1
211	Real-Time Detection and Visualization of Amyloid- β Aggregates Induced by Hydrogen Peroxide in Cell and Mouse Models of Alzheimer's Disease.	4
210	Sirtuins and cognition: implications for learning and memory in neurological disorders. 13,	1
209	The Hidden Notes of Redox Balance in Neurodegenerative Diseases. 2022 , 11, 1456	0
208	Oxidative Stress: Glutathione and Its Potential to Protect Methionine-35 of A β Peptide from Oxidation. 2022 , 7, 27052-27061	1
207	Therapeutic effects of total saikosaponins from <i>Radix bupleuri</i> against Alzheimer's disease. 13,	0
206	[¹⁸ F]ROTrace detects oxidative stress in vivo and predicts progression of Alzheimer's disease pathology in APP/PS1 mice. 2022 , 12,	0
205	Toxicity Profiles of Kleeb Bua Daeng Formula, a Traditional Thai Medicine, and Its Protective Effects on Memory Impairment in Animals. 2022 , 15, 988	0
204	Functionalization strategies of polymeric nanoparticles for drug delivery in Alzheimer's disease: Current trends and future perspectives. 16,	1
203	Therapeutic roles of plants for 15 hypothesised causal bases of Alzheimer's disease. 2022 , 12,	0

- 202 **Aβ and Tau Interact with Metal Ions, Lipid Membranes and Peptide-Based Amyloid Inhibitors: Are These Common Features Relevant in Alzheimer's Disease?.** **2022**, 27, 5066 2
- 201 **Pridopidine Promotes Synaptogenesis and Reduces Spatial Memory Deficits in the Alzheimer's Disease APP/PS1 Mouse Model.** 0
- 200 **Linnaeite Mineral for NIR Light-Triggered Disruption of Alzheimer's Pore-Forming Aβ Oligomers.**
- 199 **SIRT7 Deficiency Protects against Aβ₂-Induced Apoptosis through the Regulation of NOX4-Derived Reactive Oxygen Species Production in SH-SY5Y Cells.** **2022**, 23, 9027 0
- 198 **Optical Redox Imaging of Ex Vivo Hippocampal Tissue Reveals Age-Dependent Alterations in the 5XFAD Mouse Model of Alzheimer's Disease.** **2022**, 12, 786
- 197 **Catalytic amyloids.** **2022**, 1 1
- 196 **cAMP-induced decrease in cell-surface laminin receptor and cellular prion protein attenuates amyloid-β uptake and amyloid-β-induced neuronal cell death.**
- 195 **Lithium Benzoate Exerts Neuroprotective Effect by Improving Mitochondrial Function, Attenuating Reactive Oxygen Species, and Protecting Cognition and Memory in an Animal Model of Alzheimer's Disease.** 1-19
- 194 **L-type Amino Acid Transporter 1 Utilizing Ferulic Acid Derivatives Show Increased Drug Delivery in the Mouse Pancreas Along with Decreased Lipid Peroxidation and Prostaglandin Production.** 0
- 193 **Synthesis and Characterization of Propeller- and Parallel-Type Full-Length Amyloid Aβ₄₀ Trimer Models.** **2022**, 13, 2517-2528 1
- 192 **Conjugated linoleic acid downregulates Alzheimer's hallmarks in aluminum mouse model through an Nrf2-mediated adaptive response and increases brain glucose transporter levels.** **2022**,
- 191 **Neuroprotective activity of selenium nanoparticles against the effect of amino acid enantiomers in Alzheimer's disease.** 2
- 190 **Lipid Oxidation Controls Peptide Self-Assembly near Membranes.**
- 189 **Cornuside Is a Potential Agent against Alzheimer's Disease via Orchestration of Reactive Astrocytes.** **2022**, 14, 3179 1
- 188 **Liraglutide reduces oxidative stress and improves energy metabolism in methylglyoxal-induced SH-SY5Y cells.** **2022**, 92, 166-179
- 187 **Spatial, temporal, and cell-type-specific expression of NADPH Oxidase isoforms following seizure models in rats.** **2022**, 190, 158-168 0
- 186 **Investigating neuroprotective roles of Bacopa monnieri extracts: Mechanistic insights and therapeutic implications.** **2022**, 153, 113469 0
- 185 **Update on new trend and progress of the mechanism of polysaccharides in the intervention of Alzheimer's disease, based on the new understanding of relevant theories: A review.** **2022**, 218, 720-738 0

- 184 Simultaneous imaging of redox states in dystrophic neurites and microglia at A β plaques indicate lysosome accumulation not microglia correlate with increased oxidative stress. **2022**, 56, 102448 ○
- 183 Redefining oxidative stress in Alzheimer's disease: Targeting platelet reactive oxygen species for novel therapeutic options. **2022**, 306, 120855 1
- 182 Association between serum total bilirubin and Alzheimer's disease: A bidirectional Mendelian randomization study. **2022**, 103, 104786
- 181 The reactivity of copper complexes with neuronal peptides promoted by catecholamines and its impact on neurodegeneration. **2022**, 471, 214756 3
- 180 Alzheimer's Drug PBT2 Interacts with the Amyloid β 2 Peptide Differently than Other 8-Hydroxyquinoline Chelating Drugs. **2022**, 61, 14626-14640 1
- 179 A nomogram incorporating red blood cell indices to predict post-stroke cognitive impairment in the intracerebral hemorrhage population. 14, ○
- 178 Very small changes in the peptide sequence alter the redox properties of A β (1-16)-Cu(II) and pA β (1-16)-Cu(II) Amyloid complexes. **2022**, 922, 116746 ○
- 177 Targeting the liver in dementia and cognitive impairment: Dietary macronutrients and diabetic therapeutics. **2022**, 190, 114537 ○
- 176 *Carthamus tinctorius* L.: A natural neuroprotective source for anti-Alzheimer's disease drugs. **2022**, 298, 115656 ○
- 175 Development of Cu(ii)-specific peptide shuttles capable of preventing Cu amyloid beta toxicity and importing bioavailable Cu into cells. ○
- 174 Virus-induced Alzheimer's disease: Potential roles of viral infections in AD neuropathogenesis from two aspects: Aberrant protein accumulations with neuroinflammatory response and virus-induced ablation of adult neurogenesis. **2022**, ○
- 173 Tryptophan Self-assembly Yields Cytotoxic Nanofibers Containing Amyloid-Mimicking and Cross-Seeding Competent Conformers. ○
- 172 Synthesis, Single Crystal Characterization and Anti-AD Activities of a Novel Complex of Cu(II) with β -Amyloid Peptide Formed Protonated Chrysin Derivative Ligand. ○
- 171 Association of diet quality score with the risk of mild cognitive impairment in the elderly. **2022**, 16, 673 ○
- 170 Aptamer conjugated polydopamine-coated gold nanoparticles as dual-action nanoplatform for Alzheimer's Amyloid peptide. ○
- 169 Influence of the Postmortem/Storage Time of Human Corneas on the Properties of Cultured Limbal Epithelial Cells. **2022**, 11, 2716 ○
- 168 Misfolded protein oligomers induce an increase of intracellular Ca²⁺ causing an escalation of reactive oxidative species. **2022**, 79, 1
- 167 Role of Reactive Oxygen Species in Aging and Age-Related Diseases: A Review. ○

- 166 Korean Red Pine (*Pinus densiflora*) Bark Extract Attenuates A β -Induced Cognitive Impairment by Regulating Cholinergic Dysfunction and Neuroinflammation. **2022**, 32, 1154-1167 0
- 165 Protective effect of *Monarda didyma* L. essential oil and its main component thymol on learning and memory impairment in aging mice. 13, 0
- 164 Pin1 and Alzheimer's Disease. **2022**, 0
- 163 Targeting Novel microRNAs in Developing Novel Alzheimer's Disease Treatments. 0
- 162 Why the Ala-His-His Peptide Is an Appropriate Scaffold to Remove and Redox Silence Copper Ions from the Alzheimer's-Related A β Peptide. **2022**, 12, 1327 0
- 161 Acteoside and ursolic acid synergistically protects H₂O₂-induced neurotoxicity by regulation of AKT/mTOR signalling: from network pharmacology to experimental validation. **2022**, 60, 1751-1761 0
- 160 Multi-Target Mechanisms of Phytochemicals in Alzheimer's Disease: Effects on Oxidative Stress, Neuroinflammation and Protein Aggregation. **2022**, 12, 1515 1
- 159 Assessment of the neuroprotective potential of d-cycloserine and l-serine in aluminum chloride-induced experimental models of Alzheimer's disease: In vivo and in vitro studies. 9, 0
- 158 Quercetin reduces APP expression, oxidative stress and mitochondrial dysfunction in the N2a/APP^{swe} cells via ERK1/2 and AKT pathways. 0
- 157 Design, Docking, Synthesis and Biological Evaluation of Novel Nicotinothiazole Derivatives as Potential Butyrylcholinesterase Enzyme Inhibitor. **2022**, 7, 0
- 156 Glial Cell-Mediated Neuroinflammation in Alzheimer's Disease. **2022**, 23, 10572 3
- 155 Development of new Alzheimer's disease drug candidates using donepezil as a key model. 0
- 154 *Bacopa monnieri* protects neuronal cell line and *Caenorhabditis elegans* models of Alzheimer's disease through sigma-1 receptor antagonist sensitive and antioxidant pathways. **2022**, 1-24 0
- 153 Neuroprotective and Antioxidant Role of Oxotremorine-M, a Non-selective Muscarinic Acetylcholine Receptors Agonist, in a Cellular Model of Alzheimer Disease. 1
- 152 From Small Peptides to Large Proteins against Alzheimer's Disease. **2022**, 12, 1344 3
- 151 Protective Effects of Flavonoids against Alzheimer's Disease: Pathological Hypothesis, Potential Targets, and Structure-Activity Relationship. **2022**, 23, 10020 0
- 150 Computational design of rasagiline derivatives: Searching for enhanced antioxidant capability. 0
- 149 Nanozymes for Regenerative Medicine. 2200997 2

148	Mesenchymal stromal cells for the treatment of Alzheimer's disease: Strategies and limitations. 15,	1
147	Retinal organoids from human-induced pluripotent stem cells: From studying retinal dystrophies to early diagnosis of Alzheimer's and Parkinson's disease. 2022,	0
146	Tanshinone IIA loaded chitosan nanoparticles decrease toxicity of β amyloid peptide in a <i>Caenorhabditis elegans</i> model of Alzheimer's disease. 2022,	0
145	Correlative Chemical Imaging Identifies Amyloid Peptide Signatures of Neuritic Plaques and Dystrophy in Human Sporadic Alzheimer's Disease.	1
144	Bioinformatics Analysis of MicroRNA Profiles Unveils Novel Biological Markers of Alzheimer's Disease. 2022, 16, 334-342	0
143	The effects of polyvinyl alcohol-coated selenium nanoparticles on memory impairment in rats.	1
142	Ellagic acid prevents oxidative stress and memory deficits in a rat model of scopolamine-induced Alzheimer's disease. 2022, 23,	0
141	Nipecotic Acid Derivatives as Potent Agents against Neurodegeneration: A Preliminary Study. 2022, 27, 6984	0
140	The Role of a Pathological Interaction between β amyloid and Mitochondria in the Occurrence and Development of Alzheimer's Disease. 2022, 14, 19-34	0
139	Potential of Therapeutic Small Molecules in Apoptosis Regulation in the Treatment of Neurodegenerative Diseases: An Updated Review. 2022, 27, 7207	1
138	The Association Between Alzheimer's Disease and Epilepsy: A Narrative Review. 2022,	0
137	Analysis of Antioxidant Constituents from <i>Ilex rotunda</i> and Evaluation of Their Blood-Brain Barrier Permeability. 2022, 11, 1989	1
136	Selenium Nanoparticles-Enriched <i>Lactobacillus casei</i> ATCC 393 Prevents Cognitive Dysfunction in Mice Through Modulating Microbiota-Gut-Brain Axis. Volume 17, 4807-4827	2
135	Multifunctional Carbon-Dot-Photosensitizer Nanoassemblies for Inhibiting Amyloid Aggregates, Suppressing Microbial Infection, and Overcoming the Blood-Brain Barrier. 2022, 14, 47432-47444	1
134	The Link between Oxidative Stress, Mitochondrial Dysfunction and Neuroinflammation in the Pathophysiology of Alzheimer's Disease: Therapeutic Implications and Future Perspectives. 2022, 11, 2167	3
133	Rational design of photoactivatable metal complexes to target and modulate amyloid- β peptides. 2022, 112053	0
132	Alzheimer's Disease Prevention through Natural Compounds: Cell-Free, In Vitro, and In Vivo Dissection of Hop (<i>Humulus lupulus</i> L.) Multitarget Activity.	1
131	Amyloid Beta in Aging and Alzheimer's Disease. 2022, 23, 12924	5

- 130 Gossypetin ameliorates 5xFAD spatial learning and memory through enhanced phagocytosis against A β **2022**, 14, ○
- 129 Redox signaling and metabolism in Alzheimer's disease. **2022**, 14, ○
- 128 Widespread bacterial responses and their mechanism of bacterial metallogenic detoxification under high concentrations of heavy metals. **2022**, 246, 114193 ○
- 127 Role of Nrf2 in aging, Alzheimer's and other neurodegenerative diseases. **2022**, 82, 101756 ○
- 126 Alzheimer's disease. **2023**, 291-297 ○
- 125 Study on the Effect of Blood Pressure on the Physiological Mechanism of Alzheimer's Disease. **2022**, 12, 10059-10066 ○
- 124 Amyloidogenesis: What Do We Know So Far?. **2022**, 23, 13970 2
- 123 Recent Progress in Research on Mechanisms of Action of Natural Products against Alzheimer's Disease: Dietary Plant Polyphenols. **2022**, 23, 13886 2
- 122 Nrf2 is predominantly expressed in hippocampal neurons in a rat model of temporal lobe epilepsy. ○
- 121 Nanozymes in the Treatment of Diseases Caused by Excessive Reactive Oxygen Species. Volume 15, 6307-6328 1
- 120 Role of Calcium Dysregulation in Alzheimer's Disease and its Therapeutic Implications. ○
- 119 Focus on Alzheimer's disease: the role of fibroblast growth factor 21 and autophagy. **2022**, ○
- 118 Sequence-Activity Relationship of ATCUN Peptides in the Context of Alzheimer's Disease. **2022**, 27, 7903 ○
- 117 Exploring the Inhibition of Quercetin on Acetylcholinesterase by Multispectroscopic and In Silico Approaches and Evaluation of Its Neuroprotective Effects on PC12 Cells. **2022**, 27, 7971 ○
- 116 Review of Alzheimer's Disease drugs and their relationship with neuron-glia interaction. **2022**, ○
- 115 Design, synthesis, theoretical study, antioxidant, and anticholinesterase activities of new pyrazolo-fused phenanthrolines. **2022**, 12, 33032-33048 ○
- 114 Near-infrared Two-region AIE Nanoprobe Study for AD Diagnosis and Treatment Integration. **2022**, 55, 01022 ○
- 113 Carrier-free Chinese herbal small molecules self-assembly with 3D-porous crystal framework as a synergistic anti-AD agent. **2023**, 630, 122458 ○

112	Current understanding of metal-dependent amyloid- β aggregation and toxicity.	0
111	A molecular dynamics investigation of the atomic structural behavior of the interaction between amyloid beta protein and Aspirin within an aqueous nanodomain. 2023 , 146, 851-858	0
110	Sulforaphane attenuates microglia-mediated neuronal damage by down-regulating the ROS/autophagy/NLRP3 signal axis in fibrillar A β -activated microglia. 2023 , 1801, 148206	0
109	Synthesis, single crystal characterization and anti-AD activities of a novel complex of Cu(II) with in situ formed protonated chrysin derivative ligand. 2023 , 239, 112086	0
108	Intercommunication between metal ions and amyloidogenic peptides or proteins in protein misfolding disorders. 2023 , 478, 214978	0
107	Spin state dependent peroxidase activity of heme bound amyloid β peptides relevant to Alzheimer's disease. 2022 , 13, 14305-14319	0
106	Hippeastrum stapfianum (Kraenzl.) R.S.Oliveira & Dutilh (Amaryllidaceae) Ethanol Extract Activity on Acetylcholinesterase and PPAR- α Receptors. 2022 , 11, 3179	1
105	A Review of the Recent Advances in Alzheimer's Disease Research and the Utilization of Network Biology Approaches for Prioritizing Diagnostics and Therapeutics. 2022 , 12, 2975	1
104	New Insights into the Gut Microbiota in Neurodegenerative Diseases from the Perspective of Redox Homeostasis. 2022 , 11, 2287	1
103	Lithium Provides Broad Therapeutic Benefits in an Alzheimer's Disease Mouse Model. 2022 , 1-18	0
102	Copper homeostasis and cuproptosis in health and disease. 2022 , 7,	3
101	Mechanistic insight into female predominance in Alzheimer's disease based on aberrant protein S-nitrosylation of C3. 2022 , 8,	0
100	Insights into the Pathophysiology of Alzheimer's Disease and Potential Therapeutic Targets: A Current Perspective. 2022 , 1-24	0
99	Stepwise Coordination-Driven Metal-Phenolic Nanoparticle as a Neuroprotection Enhancer for Alzheimer's Disease Therapy.	0
98	Preclinical Models for Alzheimer's Disease: Past, Present, and Future Approaches. 2022 , 7, 47504-47517	0
97	N,N-Dimethylacetamide Targets Neuroinflammation in Alzheimer's Disease in In-vitro and Ex-vivo Models.	0
96	Single-neuron whole genome sequencing identifies increased somatic mutation burden in Alzheimer's disease related genes. 2022 ,	0
95	Specific inhibition of NADPH oxidase 2 modifies chronic epilepsy. 2022 , 58, 102549	1

- 94 Effects of multi-mode physical stimulation on APP/PS1 Alzheimer's disease model mice. **2022**, 8, e12366 ○
- 93 Natural Carotenoids as Neuroprotective Agents for Alzheimer's Disease: An Evidence-Based Comprehensive Review. **2022**, 70, 15631-15646 ○
- 92 Pathogenesis of (smoking-related) non-communicable diseases: Evidence for a common underlying pathophysiological pattern. 13, ○
- 91 Ferroptosis: a potential therapeutic target for Alzheimer's disease. **2022**, 2 ○
- 90 Nucleosome assembly protein 1-like 5 alleviates Alzheimer's disease-like pathological characteristics in a cell model. 15, ○
- 89 Gum Arabic nanoformulation rescues neuronal lesions in bromobenzene-challenged rats by its antioxidant, anti-apoptotic and cytoprotective potentials. **2022**, 12, ○
- 88 Action of the purinergic and cholinergic anti-inflammatory pathways on oxidative stress in patients with Alzheimer's disease in the context of the COVID-19 pandemic. **2022**, ○
- 87 In silico study on evaluation of corosolic acid of Lagerstroemia speciosa against Alzheimer's disease. ○
- 86 Bioflavonoids ameliorate crowding induced hemoglobin aggregation: a spectroscopic and molecular docking approach. 1-11 ○
- 85 Beyond the classical amyloid hypothesis in Alzheimer's disease: Molecular insights into current concepts of pathogenesis, therapeutic targets, and study models. 1
- 84 Systematic search for peptide and protein ligands of human serum albumin capable of affecting its interaction with amyloid- β peptide. **2022**, 7, 19-26 ○
- 83 Vascular endothelial cells: a fundamental approach for brain waste clearance. ○
- 82 Flavonoid-enrich extract of *Aurantia* *congolensis* (Sapotaceae) protects against aluminium chloride-mediated Alzheimer's disease-like oxidative stress in rat through the antioxidant properties. ○
- 81 Brain Targeting of Citicoline Sodium via Hyaluronic Acid-Decorated Novel Nano-Transbilosomes for Mitigation of Alzheimer's Disease in a Rat Model: Formulation, Optimization, in vitro and in vivo Assessment. Volume 17, 6347-6376 ○
- 80 Virtual Screening of Human Serum Albumin Mutants to Optimize the Search for its Forms that Increase Affinity to Amyloid- β Peptide. **2023**, 57, 02009 ○
- 79 Design, synthesis and evaluation of salicylic acid-donepezil hybrids as functional agents for the treatment of Alzheimer's disease. ○
- 78 Ability of Azathiacyclen Ligands to Stop Cu(II)-Induced Production of Reactive Oxygen Species: [3N1S] is the Right Donor Set. ○
- 77 Electrodeposition of dopamine onto carbon fiber microelectrodes to enhance the detection of Cu²⁺ via fast-scan cyclic voltammetry. ○

- 76 Indirubin Inhibits TRAIL-Induced Activation of Death Receptor 5 in Jurkat Cells. **2023**, 18, 1934578X2211445 ○
- 75 Nrf2 is predominantly expressed in hippocampal neurons in a rat model of temporal lobe epilepsy. **2023**, 13, 1 ○
- 74 Urine 3-Nitrotyrosine and Serum HDL as Potential Biomarkers of Depression. **2023**, 12, 377 ○
- 73 Imine-Linked Covalent Organic Framework Modulates Oxidative Stress in Alzheimer's Disease. ○
- 72 Non-Enzymatic Antioxidants against Alzheimer's Disease: Prevention, Diagnosis and Therapy. **2023**, 12, 180 1
- 71 Methods for analyzing the coordination and aggregation of metal-amyloid- β **2023**, 15, ○
- 70 Molecular interactions of resveratrol with A β 2 peptide and fibril during in-vitro A β 2 aggregation. **2023**, 7, 100060 ○
- 69 VANL-100 Attenuates Beta-Amyloid-Induced Toxicity in SH-SY5Y Cells. **2023**, 24, 442 ○
- 68 Role of angiotensin receptor blockers in the context of Alzheimer's disease. ○
- 67 Redox Imbalance as a Common Pathogenic Factor Linking Hearing Loss and Cognitive Decline. **2023**, 12, 332 2
- 66 Evaluation of Copper Chelation Therapy in a Transgenic Rat Model of Cerebral Amyloid Angiopathy. **2023**, 14, 378-388 ○
- 65 Gastrodin ameliorates synaptic impairment, reestablishes mitochondrial membrane potential and reduces oxidative stress in N2a/APP cells through ERK1/2 and GSK-3 β pathways. ○
- 64 DTPA-Bound Planar Catechin with Potent Antioxidant Activity Triggered by Fe³⁺ Coordination. **2023**, 12, 225 ○
- 63 Molecular Mechanisms of Neuroinflammation in Aging and Alzheimer's Disease Progression. **2023**, 24, 1869 ○
- 62 A Comparative Study between Lycorine and Galantamine Abilities to Interact with AMYLOID β and Reduce In Vitro Neurotoxicity. **2023**, 24, 2500 ○
- 61 Uncovering the Oxidative Stress Mechanisms and Targets in Alzheimer's Disease by Integrating Phenotypic Screening Data and Polypharmacology Networks. **2023**, 1-18 ○
- 60 Elucidating the inhibitory effects of rationally designed novel hexapeptide against hen egg white lysozyme fibrillation at acidic and physiological pH. **2023**, 1871, 140899 ○
- 59 Neogaroheptaose Protects against Amyloid β Induced Oxidative Stress and Aggregation. **2022**, 58, S138-S146 ○

- 58 Reactive Cu²⁺-peptide intermediates revealed by kinetic studies gain relevance by matching time windows in copper metallomics. **2023**, 15, ○
- 57 Reduced Glutathione-Modified Electrode for the Detection of Hydroxyl Free Radicals. **2023**, 13, 254 ○
- 56 3D genome-selected microRNAs to improve Alzheimer's disease prediction. 14, ○
- 55 Oxidative Damages on the Alzheimer's Related-Aβ Peptide Alters Its Ability to Assemble. **2023**, 12, 472 ○
- 54 Brain targeting based nanocarriers loaded with resveratrol in Alzheimer's disease: A review. ○
- 53 Exploring the Causal Relationship Between Telomere Biology and Alzheimer's Disease. ○
- 52 Metabolic defects shared by Alzheimer's disease and diabetes: A focus on mitochondria. **2023**, 79, 102694 1
- 51 Mitochondrial mechanisms in Alzheimer's disease: Quest for therapeutics. **2023**, 28, 103547 ○
- 50 Evaluations of the neuroprotective effects of a dual-target isoquinoline inhibitor in the triple transgenic mouse model of Alzheimer's disease. **2023**, 802, 137166 ○
- 49 The pathomimetic αA25B5 model of Alzheimer's disease: Potential for screening of new therapeutic agents. **2023**, 245, 108398 ○
- 48 Amyloid-like aggregates of short self-assembly peptide selectively induce melanoma cell apoptosis. **2023**, 640, 498-509 ○
- 47 Bushen-Yizhi formula exerts neuroprotective effect via inhibiting excessive mitophagy in rats with chronic cerebral hypoperfusion. **2023**, 310, 116326 ○
- 46 A comprehensive review on triazole based conjugates as acetylcholinesterase inhibitors: Design strategies, synthesis, biological activity, structure activity relationships, molecular docking studies. **2023**, 1284, 135354 ○
- 45 Kaempferol as a therapeutic agent in Alzheimer's disease: Evidence from preclinical studies. **2023**, 87, 101910 ○
- 44 Benfotiamine attenuates the high-carbohydrate diet-induced mitochondrial redox imbalance in fish *Megalobrama amblycephala* by activating SIRT3. **2023**, 572, 739553 ○
- 43 Hibiscus sabdariffa synthesized gold nanoparticles ameliorate aluminum chloride induced memory deficits through inhibition of COX-2/BACE-1 mRNA expression in rats. **2023**, 16, 104604 ○
- 42 Differential effects of DTT on HEWL amyloid fibrillation and fibril morphology at different pH. **2023**, 294, 106962 ○
- 41 A Flower-like Brain Targeted Selenium Nanocluster Lowers the Chlorogenic Acid Dose for Ameliorating Cognitive Impairment in APP/PS1 Mice. **2023**, 71, 2883-2897 ○

40	Anti-Neuroinflammatory Potential of Natural Products in the Treatment of Alzheimer's Disease. 2023 , 28, 1486	1
39	Insights into the promising prospect of medicinal chemistry studies against neurodegenerative disorders. 2023 , 373, 110375	0
38	Revisiting the intersection of microglial activation and neuroinflammation in Alzheimer's disease from the perspective of ferroptosis. 2023 , 375, 110387	0
37	Cajanus cajan (L) Millsp. seed extract ameliorated scopolamine-induced amnesia through increase in antioxidant defense mechanisms and cholinergic neurotransmission.	0
36	A Multifunctional (-)-Meptazinol-Serotonin Hybrid Ameliorates Oxidative Stress-Associated Apoptotic Neuronal Death and Memory Deficits via Activating the Nrf2/Antioxidant Enzyme Pathway. 2023 , 2023, 1-17	0
35	Aqueous extract of Ceratonia siliqua L. leaves elicits antioxidant, anti-inflammatory, and AChE inhibiting effects in amyloid- β -induced cognitive deficit mice: Role of α -nAChR in modulating Jak2/ PI3K /Akt/ GSK-3 β /catenin cascade.	0
34	Cytogenetic and Biochemical Responses of Wheat Seeds to Proton Irradiation at the Bragg Peak. 2023 , 12, 842	0
33	Multivalent Nanobody Conjugate with Rigid, Reactive Oxygen Species Scavenging Scaffold for Multi-Target Therapy of Alzheimer's Disease. 2210879	0
32	Potential Effect of Medicinal Plants on the Prevention of Gastric Ulcer: Mechanism of Actions. 12, 94-108	0
31	Nrf2 is expressed more extensively in neurons than in astrocytes following an acute epileptic seizure in rats.	0
30	Oxidative Stress and Antioxidants in Neurodegenerative Disorders. 2023 , 12, 517	2
29	Antioxidant Compounds in the Treatment of Alzheimer's Disease: Natural, Hybrid, and Synthetic Products. 2023 , 2023, 1-12	0
28	Neurodegenerative disorders: Assessing the impact of natural vs drug-induced treatment options. 2023 , 6, 82-97	1
27	Sodium Oligomannate Electrostatically Binds to A β and Blocks Its Aggregation. 2023 , 127, 1983-1994	0
26	Design, Synthesis, and Neuroprotective Activity of Phenoxyindole Derivatives on Antiamyloid Beta (A β) Aggregation, Antiacetylcholinesterase, and Antioxidant Activities. 2023 , 16, 355	0
25	Unlocking Modifiable Risk Factors for Alzheimer's Disease: Does the Oral Microbiome Hold Some of the Keys?. 2023 , 92, 1111-1129	0
24	MoS ₂ quantum dots based on lipid drug delivery system for combined therapy against Alzheimer's disease. 2023 , 82, 104324	0
23	A β -20 Fragment as an Anti-Fibrillogenic and Neuroprotective Agent: Advancing toward Efficient Alzheimer's Disease Treatment. 2023 , 14, 1126-1136	0

22	Lipid oxidation controls peptide self-assembly near membranes through a surface attraction mechanism. 2023 , 14, 3730-3741	1
21	Imaging Amyloid-Membrane Interactions: Ion-Channel Pores and Lipid-Bilayer Permeability in Alzheimer's Disease.	0
20	Imaging Amyloid-Membrane Interactions: Ion-Channel Pores and Lipid-Bilayer Permeability in Alzheimer's Disease.	0
19	β-Carotene, a Potent Amyloid Aggregation Inhibitor, Promotes Disordered Aβ Fibrillar Structure. 2023 , 24, 5175	0
18	Systematic Review: Antioxidant and Neuroprotective Capacity of Species of the Genus Asplenium (Monilophyta: Aspleniaceae).	0
17	Disturb mitochondrial associated proteostasis: Neurodegeneration and imperfect ageing. 11,	0
16	NRF2 deficiency promotes ferroptosis of astrocytes mediated by oxidative stress in Alzheimer's disease.	0
15	Alleviating the unwanted effects of oxidative stress on Aβ clearance: a review of related concepts and strategies for the development of computational modelling. 2023 , 12,	0
14	Alzheimer's Disease from the Amyloidogenic Theory to the Puzzling Crossroads between Vascular, Metabolic and Energetic Maladaptive Plasticity. 2023 , 11, 861	0
13	The Role of Dietary Antioxidants and Their Potential Mechanisms in Alzheimer's Disease Treatment. 2023 , 13, 438	0
12	The Role of the Transcription Factor Nrf2 in Alzheimer's Disease: Therapeutic Opportunities. 2023 , 13, 549	0
11	Activators of Nrf2 to Counteract Neurodegenerative Diseases. 2023 , 12, 778	0
10	Zn ²⁺ -responsive palladium nanoclusters synergistically manage Alzheimer's disease through neuroprotection and inhibition of oxidative stress. 2023 , 464, 142679	0
9	Brain p3-Aβ peptide restores neuronal viability impaired by Alzheimer's amyloid β peptide.	0
8	Oxidative stress: The nexus of obesity and cognitive dysfunction in diabetes. 14,	0
7	Effects of C-Terminal-Ethyl-Esterification in a Snake-Venom-Based Peptide Against the Neurotoxicity of Acrolein in PC12 Cells. 2023 , 29,	0
6	A Novel Electrochemical Sensor Based on a Cerium Oxide/Gold/Carbon Nanocomposite for the Detection of Hydroxyl Free Radicals. 2023 , 170, 047510	0
5	Imbalance of Essential Metals in Traumatic Brain Injury and Its Possible Link with Disorders of Consciousness. 2023 , 24, 6867	0

- 4 Autoregulation: mediators and renin-angiotensin system in diseases and treatments. **2023**, 9, ○
- 3 CZK, a novel alkaloid derivative from *Clausena lansium*, alleviates ischemic stroke injury through Nrf2-mediated antioxidant effects. **2023**, 13, ○
- 2 Recent Development in the Understanding of Molecular and Cellular Mechanisms Underlying the Etiopathogenesis of Alzheimer's Disease. **2023**, 24, 7258 ○
- 1 Guluronic acid can inhibit copper(II) and amyloid β peptide coordination and reduce copper-related reactive oxygen species formation associated with Alzheimer's disease. **2023**, 245, 112252 ○